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J.S. Latimer
Graduate School of Oceanography, Univ of RI
Narragansett, RI 02882-1197

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13. ABSTRACT (Maximum 200 words)

A particle entrainment simulator was used to simulate conditions during resuspension events in order to investigate how resuspension affects the chemical behavior of hydrophobic organic contaminants such as PCBs and PAHs in the coastal marine environment. Organic contaminants were evaluated in bulk sediments, sized fractionated sediments and resuspended particulate material. The sediments evaluated represented distinctions in contaminant loadings and sediment textural characteristics. It was concluded that contaminants are injected into the overlying water column in direct response to the severity of the resuspension events. In general, on a volume normalized basis (i.e., mass L^{-1} of water) the contaminants showed elevated levels as the applied shear increased from 2 to 5 dynes cm^{-2}; however, on a mass normalized and organic carbon normalized basis, the chemical loadings decreased with increasing applied shear. Differences in the general behavior were traced to the textural and chemical differences of the bulk sediments used for resu... experiments. It was concluded that the exact behavior of the contaminants was likely related to the amount of and contaminant load on material entrained during resuspension events and represents the interplay of: (1) dilution from depleted coarse grained material, (2) fortification from more highly loaded coarse grained materials as in the case of PAHs with log K_{ow} >6 and (3) the effects from fine grained highly enriched material.

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Project Title:

THE ROLE OF RESUSPENDED SEDIMENTS IN THE TRANSPORT AND BIOACCUMULATION OF TOXIC ORGANIC CONTAMINANTS IN THE NEARSHORE MARINE ENVIRONMENT

Principal Investigators:

JAMES S. LATIMER
JAMES G. QUINN

Affiliation:

UNIVERSITY OF RHODE ISLAND
GRADUATE SCHOOL OF OCEANOGRAPHY
NARRAGANSETT, RI 02882

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INTRODUCTION

The degree of ecological stress that hydrophobic organic contaminants (HOCs) exert on the marine environment is directly related to their concentration in the various compartments of the system, the time in each of the compartments, and the rate of exchange between compartments. The processes that control the removal of HOCs from the water column compartment include, lateral or advective outflow, volatilization, bioaccumulation, degradation and burial in the sediments. Since the sediments are repositories for many particle active contaminants, it is important to understand the mechanisms that control chemical flux so that the potential effects from contaminated resuspended sediments can be assessed. Within the active sediment layer a natural periodic resuspension–deposition succession takes place corresponding to wind or tidally induced energy frequencies. In addition, by feeding, locomotion, and habitat formation, benthic animals resuspend sediments or otherwise modify physical resuspension (Davis, 1993). A sufficient treatment of the factors affecting transport and resuspension can be found in a recent summary article (Bedford, 1994). In dynamic systems such as coastal areas, pelagic organisms will be exposed to significant temporal concentration shifts as exchange between compartments takes place. For example, Boehm has shown that PCB, PAH, and coprostanol levels can change by as much as a factor of ten over one tidal cycle (Boehm, 1983). These changes appear to be controlled by a complex function of the movement of contaminated suspended and resuspended sediments in the water body.

The purpose of this study was to investigate how the concentration of hydrophobic organic toxics on resuspended particles varied with:

- applied bottom shear
- resuspended sediment concentration
- bulk sediment contamination
- bulk sediment mineralogy

The study is based on experiments using the Particle Entrainment Simulator (PES, **Figure** 1) (Tsai and Lick, 1986). The sediments used for the experiments were obtained from Black Rock Harbor, CT and Narragansett Bay, RI.

MATERIALS AND METHODS

Sampling

Sediment samples were taken from 2 sites in Narragansett Bay, RI and one site in Black Rock Harbor near Bridgeport, CT (**Table** 1). Sediment from Black Rock Harbor had been previously collected using a 0.1 m^2 gravity box corer (Rogerson *et al.*, 1985). The sediment was subsequently homogenized and sieved to remove shells and sediments of greater than 1 mm, placed in nitrogen purged sealed drums and stored at 4 °C.

Sediments from Narragansett Bay were collected using a Smith–MacIntyre grab sampler. Subsamples (plugs) were obtained by carefully inserting a 12.7 cm diameter stainless steel tube into the sediment making sure that the surface of the sediment remains undisturbed. Locations of the subsamples were selected to capture the undisturbed surface layer. The subsamples were immediately transferred to a precleaned specially designed glass plug cylinder and were covered with seawater and kept at 4 °C in the dark until laboratory tests were initiated, usually within 24 to 48 hours of collection.

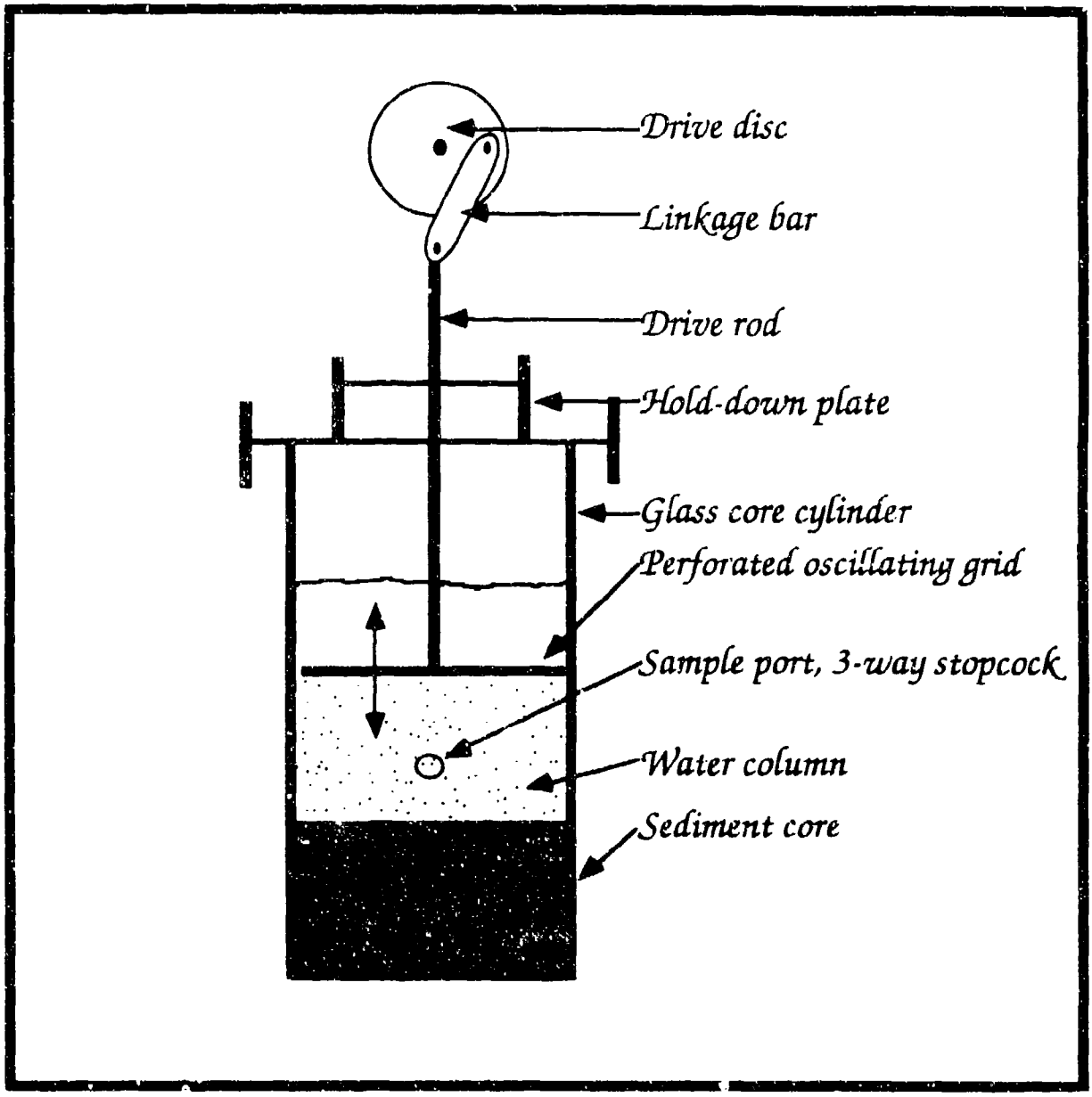


Figure 1. A schematic view of the Particle Entrainment Simulator (PES) used during the resuspension experiments.

Table 1.
Sampling data for the study

Site	Location PES-Sediment	Collection Type	Depth m
BRH – Black Rock Harbor, CT	41°09'N 73°13'W	Box Corer	Unk.
Narragansett Bay, RI			
PR – Providence River (Gaspee Pt.)	41°45.37'N 71°22.20'W	S-M	5.5
RP – Rocky Point	41°41.59'N 71°20.94'W	S-M	6.1

S-M = Smith-MacIntyre grab (0.1 m^2).

Experimental

Each sediment sample was securely positioned in the PES and underwent resuspension experiments according to previously outlined procedures (Keith *et al.*, 1991; Lavelle and Davis, 1987). Briefly, sediment plug cores were positioned such that the sediment was 2-3 cm below the furthest extent of the oscillating disk. The sediments were subjected to artificial resuspension experiments using the PES under two to four resuspension energy levels ranging from 2 to 5 dynes cm^{-2}. The applied shear stresses were considered typical of tidally induced near bottom shear stresses (Bokuniewicz *et al.*, 1991; Keith *et al.*, 1991) but lower than others (Partheniades, 1965). During each experiment, after the core was mounted to the PES apparatus, the simulator was adjusted to a known oscillation magnitude (seconds $cycle^{-1}$) corresponding to a pre-calibrated shear stress. The shear stress levels that the PES has been calibrated at are 2, 3, 4, and 5 dynes cm^{-2}, corresponding to 0.16, 0.12, 0.10, and 0.08 s c^{-1} of the perforated disk (Lavelle and Davis, 1987).

The determination of the steady state condition was accomplished by evaluating the turbidity of the overlying water using a single beam spectrophotometer (i.e., Bausch & Lomb, Spectronic 20). If the variability in measured percentage transmission was less than a two per cent, the system was considered to be at steady state for the given shear level; thereupon samples were taken. It was not always necessary to track the response of the system up to the steady state condition; previous experience allowed samples to be evaluated after approximately 15 minutes to assess the variation in turbidity. **Figure** 2 depicts typical light attenuation data (100-% T) for the cores examined. Samples for total resuspended solids concentration, hydrophobic organic, particle size, and organic carbon were collected under steady state conditions.

All collected sediment samples were evaluated for organic contaminant loadings (PCBs and PAHs), organic carbon content and particle size - textural properties. Filtrate samples were evaluated for dissolved phase organic contaminants. Bulk sediments were also studied for organic contaminants, organic carbon and particle size - textural properties.

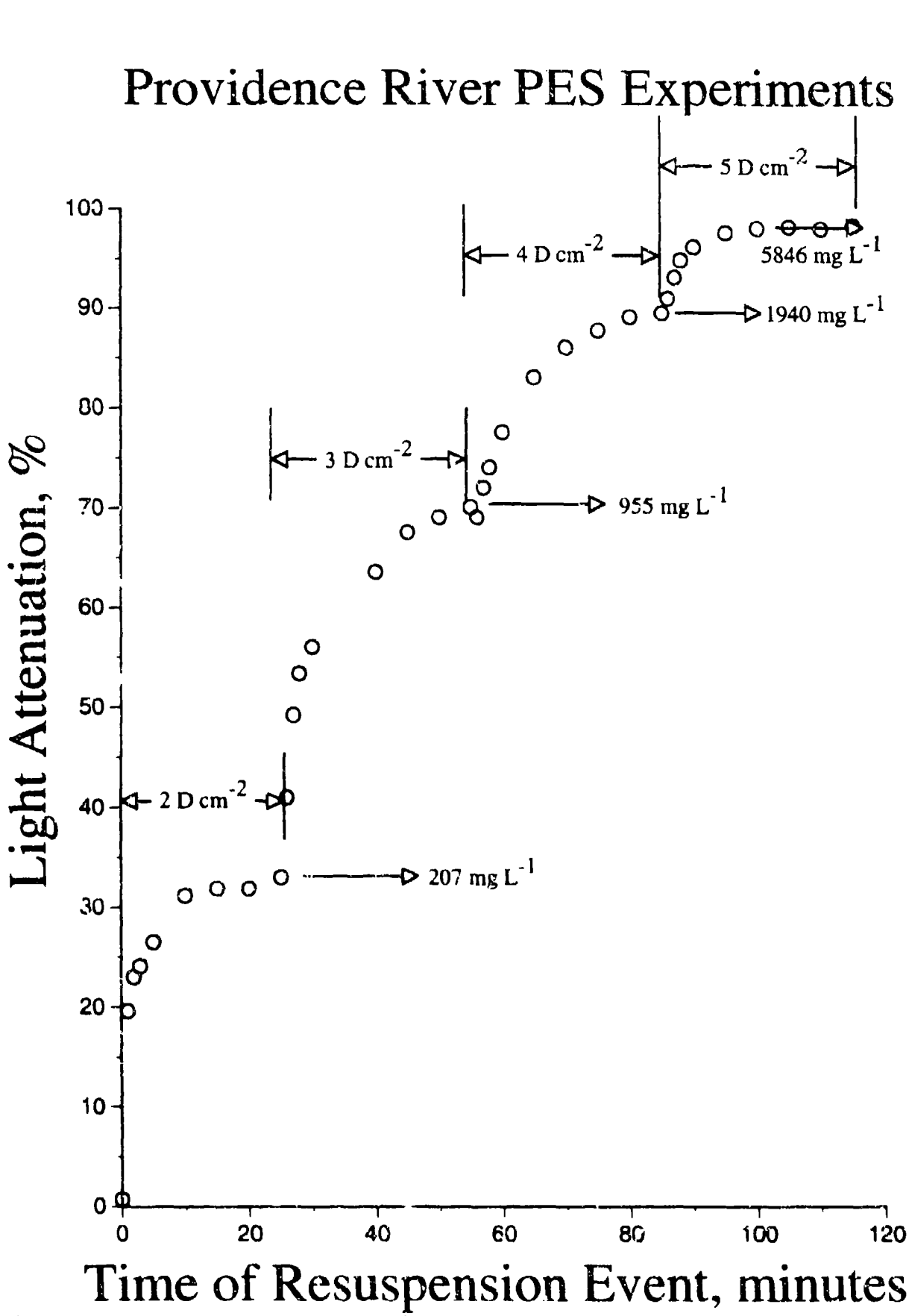


Figure 2. A typical light attenuation curve for the resuspension studies.

Analytical

Hydrophobic Organic Contaminants

The samples were extracted with methanol or acetonitrile to isolate the organic contaminants from the particulates. After polarity enhancement with high-purity water and solvent exchange into hexane, the extracts were separated into multiple fractions using micro-silica gel column chromatography. The organic contaminants in the different fractions were measured by high resolution capillary gas chromatography (GC) relative to internal standards, using gas chromatography-mass selective detection (HP 5971 GC-MSD) and gas-chromatography-electron capture detection (HP 5890 I GC-ECD). The analytical methods have been described in detail (LeBlanc *et al.*, 1992; Latimer *et al.*, 1991; Latimer *et al.*, 1990; Pruell and Quinn, 1985).

Quality assurance was accomplished through various means to certify that all analytical operations were under quality control. The precision of the procedures was measured as the relative standard deviation (RSD) of replicate analyses, which were conducted on selected samples over the course of the project. In most cases, the RSDs were 10% or better. The accuracy of the procedures was measured as percentage recovery of a standard mixture (containing analytes) spiked into blank samples at concentrations similar to the lower values that were determined in the field samples. These fortified blanks were analyzed over the course of the projects. In most cases, the recoveries were within 80-120 percent of the concentration in the spiked mixture, and in many cases the values were within ±10%. In addition, accuracy was measured as percentage recovery of specific organics in Standard Reference Materials (SRM), including NIST SRM 1649 (Urban Dust-PAHs), NIST 1941 (PAHs, PCBs in Marine sediment) and Canadian NRC SRM HS-2 (PCBs in marine sediment) carried through the entire analytical procedure. This was done several times over the course of the projects, and at least 70% of the analytes were within 70-130 percent of the stated values, and many were within ±10%.

The average detection limits for a 0.01 g (dry weight) sample are approximately as follows: individual PAHs 20 ng/g, individual chlorobiphenyl congeners 2 ng/g. However, actual detection limits can be as low as 0.2 and 0.01 ng/g, respectively, depending upon the mass of particulate material in the sample. For dissolved organic constituents the detection limits are 1 ng/L for PAHs and 0.05 ng/L for chlorobiphenyls and pesticides.

Particle Size and Organic Carbon

The percentages by volume of sand, silt, and clay in suspended sediments and bulk sediments were obtained using two methods: (1) a Brinkmann Particle Analyzer CIS1000; (2) wet sieving and using a settling column with gravimetric measurement. The procedures for analysis using the CIS1000 are outlined in the standard operating manual at the ERL-N. Briefly, chilled samples are diluted into a flask containing deionized water and a chemical surfactant. Samples are then mixed and allowed to stand for 12 to 24 hours; afterward, the sample is sonicated and further mixed. The sample solution is then introduced into the scanning chamber to undergo analysis. Deionized water is used to check the instrument background.

The second method involved the wet sieving of sediment to remove the > 0.063 mm particles (i.e., sand) followed by the application of Stokes settling law in a large graduated cylinder to determine the amount of silt and clay. This method is widely used and is highly reproducible (Mueller *et al.*, 1992; Keith *et al.*, 1991).

RESULTS AND DISCUSSION

Particle Dynamics During Resuspension

The major factors that determine the magnitude and duration of entrainment and deposition of sediments are: the nature of the fluid mechanics, the composition and the spatial distribution of the

bottom material. The nature of the fluid mechanics includes the momentum fields at the various boundary layers in the near bottom environment including: (1) motions of long and short-period surface gravity and/or internal waves; (2) mean flow; (3) Coriolis effects; (4) turbulence from shear, bottom roughness, wave breaking, etc.; and (5) stratification effects (Bedford, 1994). Tidal currents and wind induced resuspension is particularly important in estuaries (Sanford, 1994). Entrainment and deposition are also a function of the nature of the bottom material. Specifically, geotechnical characteristics (e.g., particle texture/mineralogy), water content, and extent of biological activity all modify the magnitude of resuspension. Fine-grained particles are easily resuspended leaving behind the larger grained materials that act to armor the sediments against further entrainment (Lavelle and Davis, 1987). As the sediments age they compact, forming a more cohesive substrate that causes the rate of entrainment to decrease with depth, all other variables being equal (Lick and Kang, 1987). These processes limit resuspension to a finite amount at any given stress. Infaunal and epifaunal organisms can have a positive or negative effect on the entrainment rates. Organisms such as *Yoldia limatula*, *Macoma tenta*, and *Pectinaria gouldi* cause resuspension by their biofunctions (feeding, locomotion, and habitat development) (Davis, 1993; Davis and Means, 1986; Bender and Davis, 1984). Motile organisms such as *Nucula annulata* can act to destabilize cohesive sediments which makes them more susceptible to resuspension (Davis and Means, 1986).

Entrainment, expressed as a rate (E), given as,

$$E = h\frac{dC}{dt} \qquad (\text{as } C \rightarrow 0)\,, \qquad (1)$$

is the flux of sediment across the sediment water interface under conditions when the concentration (C) of sediments in the overlying water (h = depth of overlying water) is near zero (Fukuda and Lick, 1980). E will decrease as the resuspension event continues until ($dC/dt = 0$) the rate of entrainment is equal to the rate of deposition (D). The light attenuated by the resuspended material will vary with turbidity and TSS concentration. It must be noted that the detection of LA is affected by the saturation of the detection system. Others have noted that 100% attenuation can be approached at 3000 mg L^{-1}. For the bedded sediments from Narragansett Bay this approach to saturation did not occur until the shear was at 4-5 dynes cm^{-2}. The Black Rock Harbor PES cores were highly unstable owing to the small particle sizes of the sediments; this instability lead to very fast entrainment and quick saturation of the spectrophotometric detector used to measure turbidity. The attenuation measurements near the saturation point are unreliable and require dilution and re-measurement to obtain reasonable LA estimates. Previous authors have derived equations to predict the concentration of suspended solids from LA (Davis, 1993; Keith *et al.*, 1991; Lavelle and Davis, 1987). Using the light attenuation-time relationships (see **Figure** 2 for an typical curve), and the equation,

$$C_{ss\ (g\,L^{-1})} = \left[\left(\frac{-1}{k1}\left(\ln\left(k2 - \frac{LA}{k3}\right)\right)\right]^{\frac{1}{k2}}\right. \qquad (2)$$

previously published (Davis, 1993; Keith *et al.*, 1991) TSS concentrations were calculated for all the PES samples. The k values published are constants empirically derived from a variety of sediment types. In addition to the semi-empirical equation previously published, the measured TSS concentrations were used to establish a relationship to LA under the actual experimental conditions. The best fit of these data was obtained using an exponential function (**Figure** 3):

$$C_{ss\ (mg\,L^{-1})} = 47.8\, e^{(3.89E\text{-}2\ LA)} \qquad (3)$$

The equation was reasonably accurate for LA ranging from 30-90% and as such it was applicable to TSS concentrations up to approximately 2000 mg L^{-1}. **Figure** 4 presents the predicted results for the bedded sediments for the two equations. Equation 3 yielded reliable TSS levels for the 2, 3, and 4 dynes cm^{-2} shear levels but underestimated them for the 5 dynes cm^{-2} experiments. The calculated solids concentrations, using the semi-empirically derived equation (equation 2), showed

a slight overestimation at the lower applied shears but was more predictive at the higher energy levels. Again one must keep in mind that inaccuracies in TSS estimates are greatest when the spectroscopic detector becomes saturated.

Once the TSS concentrations were estimated entrainment rates could be calculated using the previously published equation (Lavelle and Davis, 1987):

$$E = \frac{\alpha_1 h}{(1 - \frac{C_o}{\alpha_2})} \qquad (4)$$

Where α_1 is the rate of change in concentration during conditions where deposition was likely minimal (less than 5 minutes); α_2 is the equilibrium concentration; and C_o is the initial concentration. This equation is based on assumptions derived from the conditions encountered using the PES: a) no radial dependence to erosion or concentration; b) minimal vertical dependence to the concentration; c) the resuspended particles have a single deposition velocity. As expected, the entrainment rates generally increased with increasing applied shear, confirming what others have noted: that shear is one of the controlling factors in resuspension behavior (Partheniades, 1965).

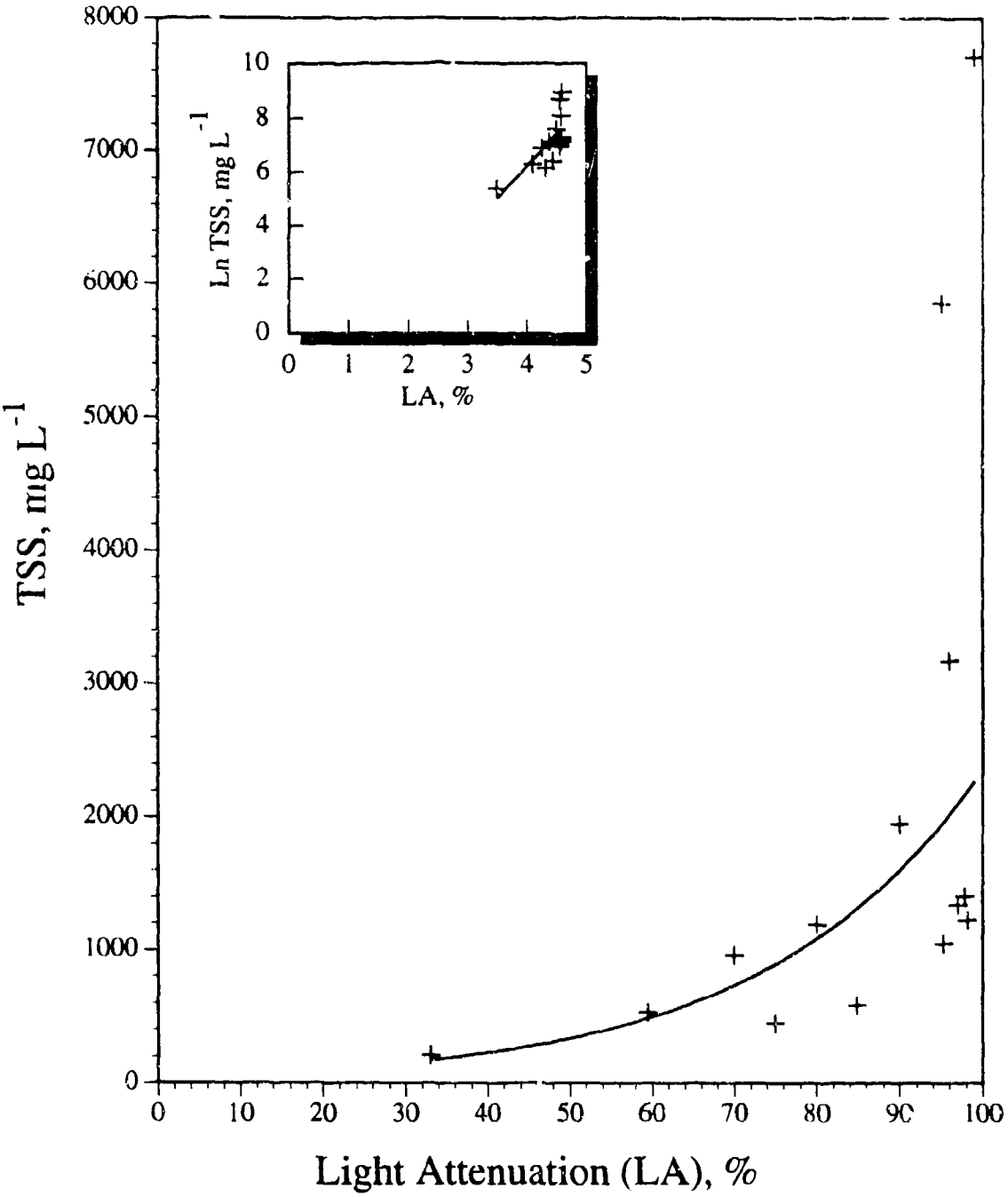


Figure 3. The relationship between light attenuation and total suspended solids during the resuspension experiments.

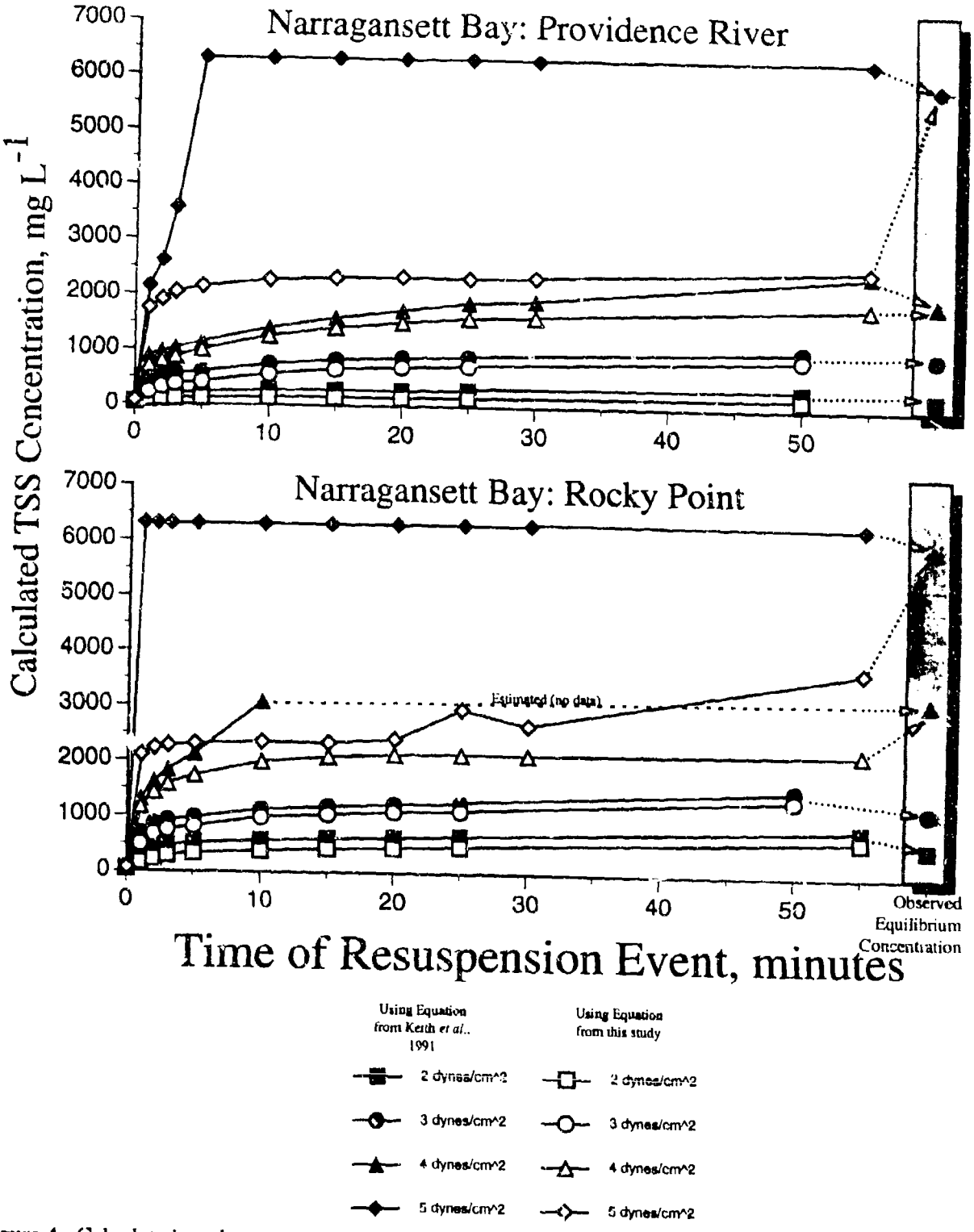


Figure 4. Calculated total suspended solids concentrations using equations from this as well as other studies.

The mass entrainment rates calculated for the PES experiments were greater than those measured using sediments from Puget Sound or other parts of Narragansett Bay (**Table 2** and **Figure** 5). The reasons are likely due to the differences in sediment particle size distribution, mineralogy or water content as well as biological influences. Sediment texture properties and water content have been found to be correlated with entrainment rate (Keith *et al.*, 1991). Although the data from the literature is incomplete it appears that textural/grain size factors are not sufficient to explain the differences. For example, of the sediments compared, NB station 12 (**Table** 3) had a mean grain size of 13.5 μm that was considerably lower than the sediment with the smallest grain sizes in this study (i.e., BRH = 29.5 μm VWM). Moreover, the other two sediment cores tested in this study had mean grain sizes (PR = 84.6 and RP = 81.5 μm) well above the next closest sediment (NB station 6, which had a value of 51 μm). The explanation for the higher entrainment rates must lie in the differences either in water content of the sediments or biological influences. Linear increases in sediment water content have been shown to cause logarithmic increases in E (Fukuda and Lick, 1980). The sediments evaluated during the present study do show a range in water content but the data do not correlate with the observed differences in entrainment rates. Thus, biological influences are the most likely cause of the higher entrainment rates observed in this study. In the case of BRH sediments there were no living benthic or epibenthic faunal observed throughout the experiments; in marked contrast, however, there were large numbers of amphipods, decapods and small worms in both of the sediments from Narragansett Bay. The paradox lies in the fact that an "abiotic" sediment (BRH) and highly biotic sediments (PR and RP) all give greater entrainment rates than other sediments. Considering that the total resuspension rate is the result of two independent and one interacting processes as expressed in the following equation:

$$R_t = R_p + R_{pb} + R_b \qquad (5)$$

the term, R_b denotes resuspension caused by biota, the term, R_p, indicates physical resuspension and the term, R_{pb} denotes enhancement or retardation of physical resuspension due to biological interaction. It is here assumed that the brief duration of the PES experiments as well as the stress caused by the experiments themselves limit R_b to a minimum value. Due to the character of the BRH sediments the only active process is resuspension would be strictly due to the applied shear (R_p is large) and that R_{pb} would be small so that there was no reduction in R_t due to biological stabilization. In the case of the two bedded sediments tested, the presence of large numbers of benthic faunal, that can serve to destabilize the sediment surface (large positive R_{pb}), is presumed the cause of the higher entrainment rates. It has been shown that the presence of certain species can increase the entrainment rate by as much as 8 -fold over entrainment rates from sediments that are abiotic (Davis, 1993).

The mass of solids entrained into the overlying water column ranged from 4 to 1700 g m^{-2} for the Black Rock Harbor dredge material, and 3 to 700 g m^{-2} for the bedded sediments. Previous studies of resuspension using Narragansett Bay sediments yielded lower maximum solids fluxes (0.04 to 402 g m^{-2}) (Keith *et al.*, 1991). The flux of resuspended particulates followed an exponential fit for the cores where applied shear was above 3 dynes cm^{-2} (**Figure** 6). The slopes were relatively constant ranging from 1.0 to 1.2; however, the intercepts ranged from 3.4 to 9.6 g m^{-2}, displaying different behavior between the sediments. The dredge spoil cores (BRH) had similar intercepts (i.e., 8.5 and 9.6, respectively for BRH experiment 2 and 3, mean = 9.1 g m^{-2}) which were approximately twice as great as the intercepts for the bedded natural sediments (i.e., PR and RP). The results are consistent with the fact that bedded sediments are more cohesive and had been armored against resuspension due to the abundance of larger grained sediments or through the action of infaunal organisms. The natural bedded sediments were observed to have a wide variety of infaunal organisms that could be responsible for the decreased entrainment compared to the abiotic BRH sediments; some have shown that certain biological adhesion can stabilize sediments from resuspension (Grant *et al.*, 1982) ; however, as noted above, the stabilization was not great compared to sediments elsewhere.

The change in the particle characteristics over the duration of the resuspension events gives insight into how sediments react under different turbulence conditions in the marine environment. In the

case of the bedded sediments from the Providence River, the amount of sand, although variable, showed a slight decrease, while the amount of clay increased markedly (from 2 to 7%) as the applied shear increased from 2 to 5 dynes cm^{-2} (**Figure** 7A, PR PES). The amount of silt remained relatively constant over the course of the experiment for this sediment. These changes were manifested by a decrease in average grain size of resuspended particles with increasing turbulence. It has been demonstrated that for fine grained sediments, as applied shear increases and suspended sediment concentration increases the steady state particle diameter decreases (Lick, 1994). The behavior of the Providence River sediment was in contrast to that of the other bedded sediments (Rocky Point Core, RP PES) as well as the dredge spoil sediment (i.e., BRH PES 1, 2, & 3 **Figure** 8).

The Rocky Point resuspension experiments reveal a sediment the upper few millimeters of which, on average, are a mix of silt and very fine sand (vfsand). Under steady state conditions of low turbulence (2 dynes cm^{-2}) the particles resuspended are composed of 73% silt and 24% very fine sand, with 3% coarse clay (cclay). As turbulence increased, the proportion of silt decreased (to 58%) with a concurrent increase in vfsand (to 39%). Even though the fraction of clay increased (**Figure** 7B), because of its small total proportion, the increase was less important than the increased sand levels. As a consequence, the mean particle diameters get larger as the applied shear increased (**Figure** 8). The BRH sediments exhibited similar behavior, although the amount of sand was less (**Figure** 7C-E).

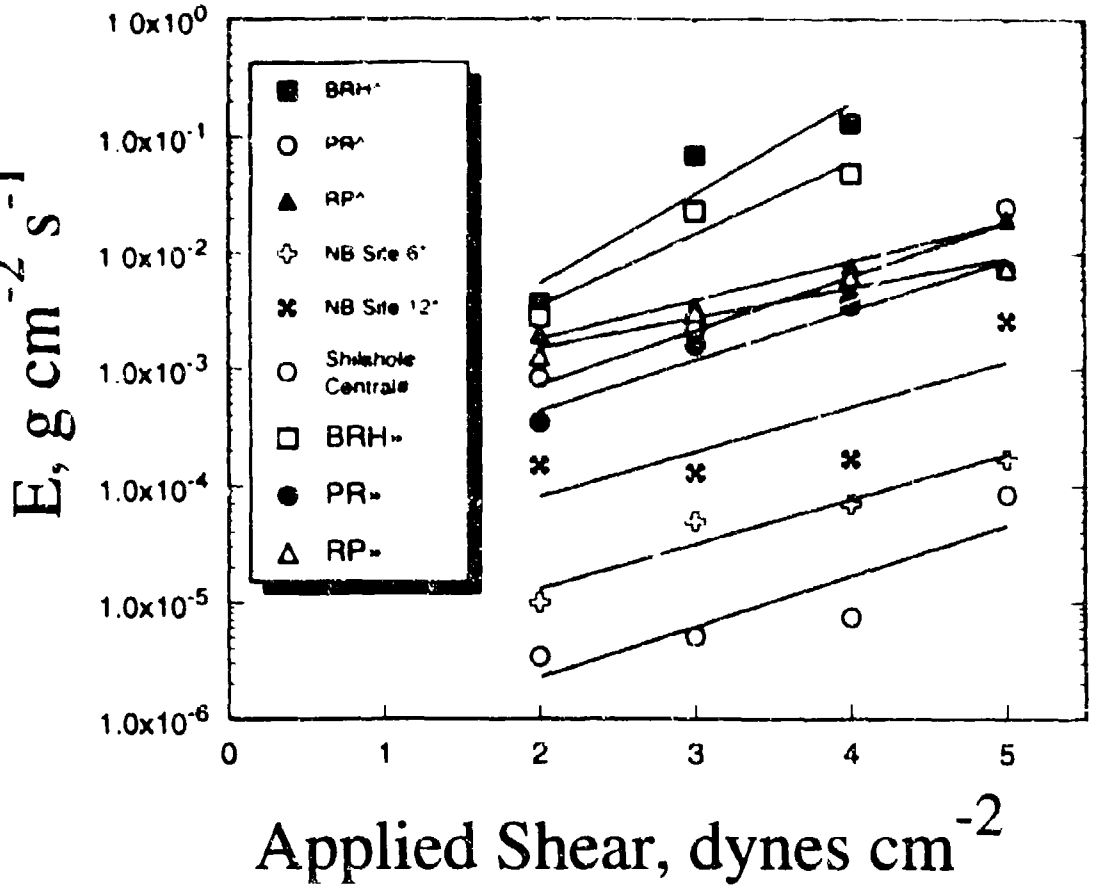
The mean particle sizes of the resuspended sediments from the bedded sediments were less than the mean particle size of the bulk sediments, whereas the particle sizes of the resuspended sediments and the bulk sediments from the dredge spoil samples were similar. The bedded and dredge sediments had very different bulk geotechnical characteristics (mean grain size: PR = 85 μm; RP = 82 μm; BRH = 30 μm): the Narragansett Bay sediments consisted of nearly 50-50 silt-fine sand; whereas the Black Rock Harbor sediments were mainly comprised of silt (85%). The bulk sediment characteristics are taken from approximately the top 5-10 mm of sediment. Conceptually, during a resuspension episode, small slices of the bedded sediments are entrained into the overlying water column (Calvo *et al.*, 1991a). The material resuspended will be reflective of the sediments from subsequent depths, the characteristics of which will depend upon the profile of the particles with depth in the sediment. Using measured and estimated porosity (69.7-92.3%) and density data (1.5 g cm^{-3}, (Calvo *et al.*, 1991a)) for the bulk sediments, the depths involved during the resuspension events are composed of only the upper 1 mm of sediments, even at the highest experimental applied shears. Thus within these limits, as shear is increased, greater and greater depth populations of particles are entrained. The Black Rock Harbor sediments display a relatively homogeneous sediment whose characteristics do not change markedly with increasing applied shear. This is consistent with the published information on the collection and handling of this material (Rogerson *et al.*, 1985). The data indicate that the Providence River sediments are thus composed of smaller and smaller particles with depth; however, at some depth there needs to be a cache of larger sized particles since the bulk sediment is mainly comprised of fine sand. In contrast, the Rocky Point sediments are graded to larger sized particles with depth. It must be noted that the resuspension at 2 dynes cm^{-2} contains, in all likelihood, both the surface flocuulant layer and the more cohesive - larger sized particle layers just below. No data are available for shear levels less than 2 dynes cm^{-2}; however, others have indicated marked differences in entrainment at the 1 dynes cm^{-2} levels where presumably populations of small particles are entrained at different rates than the larger particles (Lavelle and Davis, 1987).

In summary therefore, the behavior of the resuspended particulates, during periods of shear from 2 - 5 dynes cm^{-2}, revealed differences between bedded relatively cohesionless sediments from Narragansett Bay and more silty, and homogeneous sediments associated with a dredge spoil. The dredge material resuspended readily and showed little change in particle characteristics under widely different applied shears. In contrast the magnitude and type of particles resuspended from bedded sediments appear to be a strong function of the characteristics of the sediment horizons in the upper mm of sediment as well as the applied shear.

Table 2.
Comparison of entrainment rates and deposition velocities for different sediments and using different techniques.

Location	E g cm^{-2} s^{-1}	W_d cm s^{-1}	Reference
NB site 6* (2-5 dynes cm^{-2})	0.01 -1.17 x 10^{-3}	nd	Keith *et al.*, 1991
NB site 12* (2-5 dynes cm^{-2})	0.15-2.6 x 10^{-3}	nd	Keith *et al.*, 1991
Shilshole Central# (1-5 dynes cm^{-2})	0.002-0.1 x 10^{-3}	0.12-0.0046	Lavelle & Davis, 1991
Lake Erie+ (<1-5 dynes cm^{-2})	4 x 10^{-8}-0.1 x 10^{-3}	nd	Fukuda & Lick, 1990
BRH^ (2-4 dynes cm^{-2})	3.7-130 x 10^{-3}	0.52-0.025	This Study
PR^ (2-5 dynes cm^{-2})	0.84-25 x 10^{-3}	0.043-0.023	This Study
RP^ (2-5 dynes cm^{-2})	2-20 x 10^{-3}	0.038-0.025	This Study
BRH» (2-4 dynes cm^{-2})	2.8-48 x 10^{-3}	0.17-0.064	This Study
PR» (2-5 dynes cm^{-2})	0.35-7.3 x 10^{-3}	0.016-0.019	This Study
RP» (2-5 dynes cm^{-2})	1.3-7.5 x 10^{-3}	0.013-0.026	This Study

Legend:
* NB = Narragansett Bay, RI
# from Puget Sound, WA
+ using a flume
^ using equation from Keith *et al.*, 1991
» using equation from this study
nd = not determined



^calculated from TSS values obtained from equation 2;

*calculated from TSS values obtained from equation 3;

*from Keith *et al.*, 1991 (NB=Narragansett Bay, RI);

#from Lavelle and Davis, 1987 (site from Puget Sound, WA).

Figure 5. Calculated entrainment rates for the PES experiments in this study as well as for others.

Table 3

Geotechnical and other properties for the bulk sediments studied in this and other investigations.

Sediment/ Location	Grain Size μm	Textural Properties	Water Content %	Reference
NB site 6	51	vf silty sand	41	Keith *et al.*, 1991
NB site 12	13.5	fine clayey silt	84	Keith *et al.*, 1991
Shilshole Central	nr	silt-clay minor sand content	nr	Lavelle & Davis, 1991
BRH	29.5	c/s/s = 3/84/12	80	This Study
PR	84.6	c/s/s = 1/46/53	52	This Study
RP	81.6	c/s/s = 1/47/52	46	This Study

nr = not reported

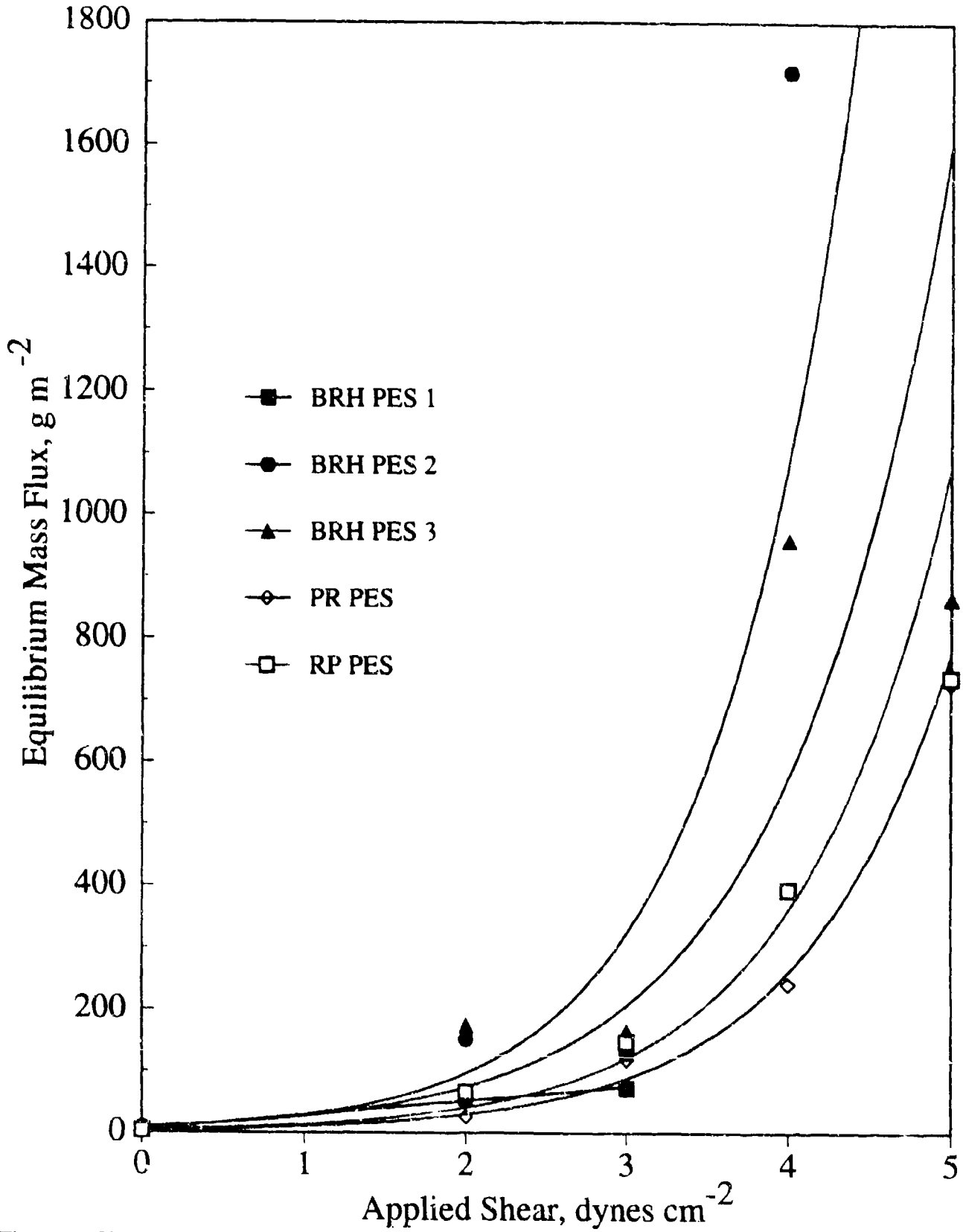


Figure 6. Observed suspended mass flux during the resuspension events using the PES.

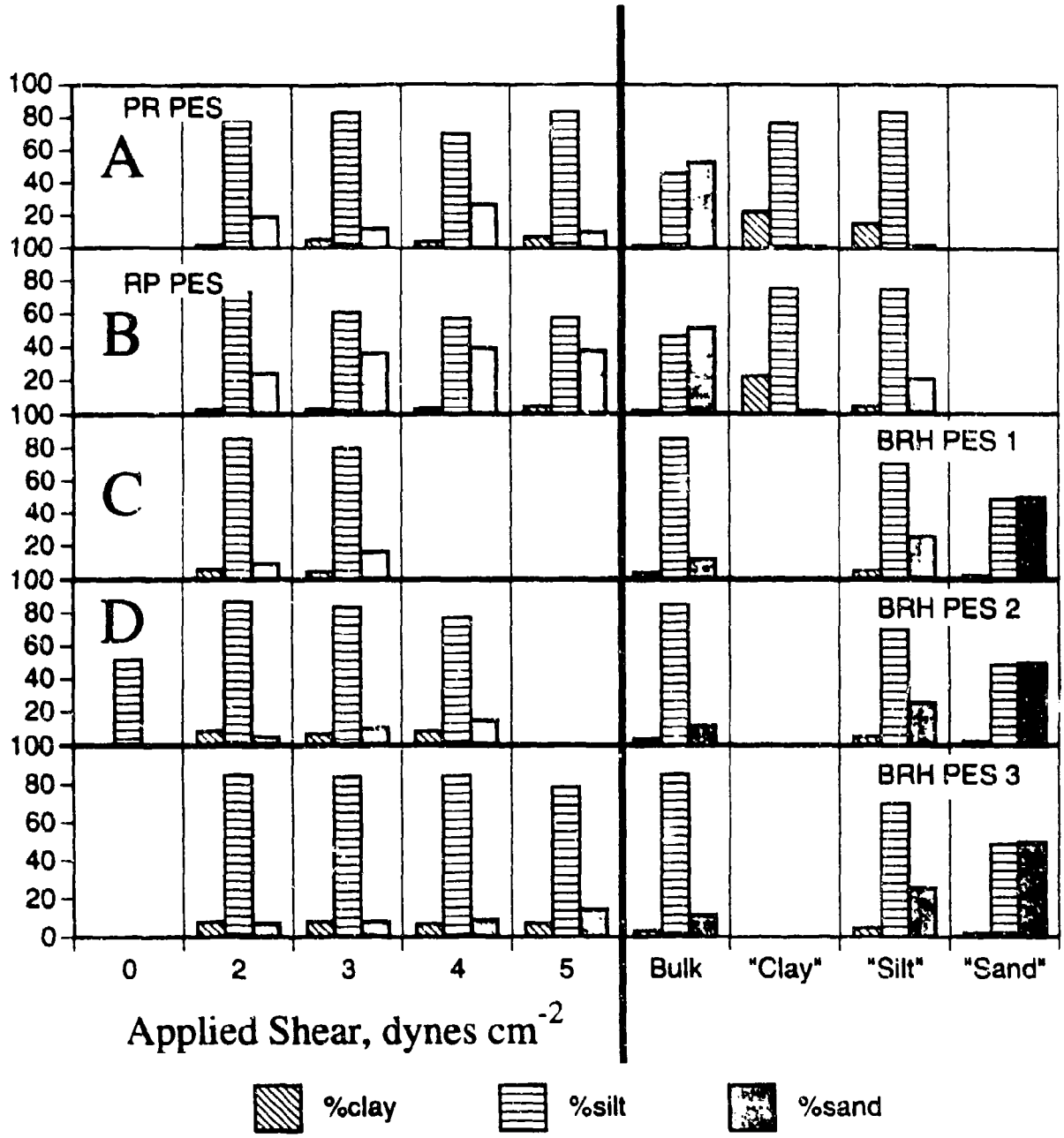


Figure 7. Comparison of the textural properties determined for the resuspended as well as the bulk and size fractionated sediments.

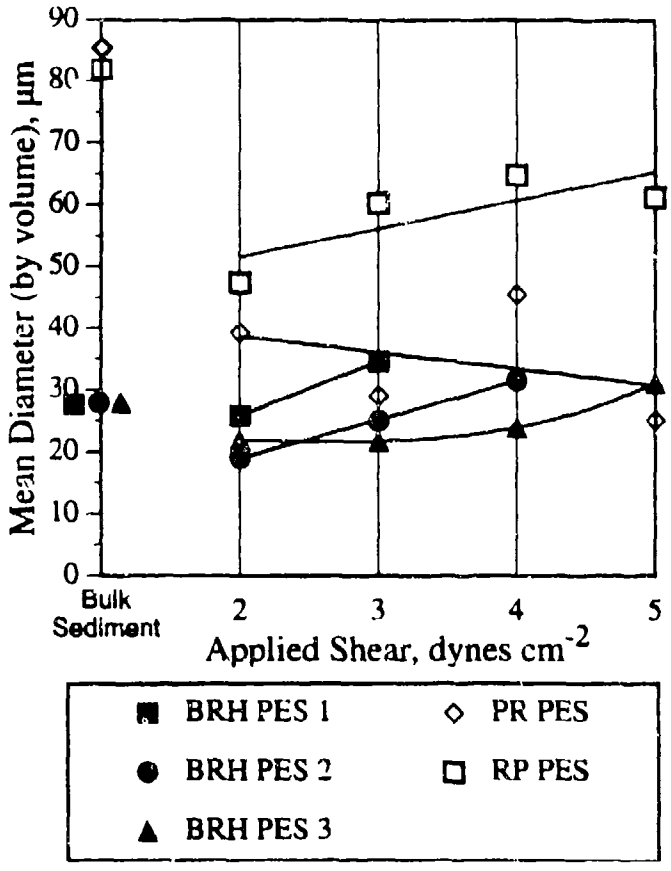


Figure 8. The observed mean particle diameter for the resuspended and bulk sediments evaluated during the study.

Chemical Changes During Resuspension

Interfacial processes play a major role in the fate of contaminants in the marine environment. The sediment-water interface is an active area in which autochthonous and allochthonous particles and associated contaminants settle from the overlying water column. The in-place sediments are well-known repositories for many particle active contaminants including trace metals (Schults *et al.*, 1987), radionuclides (McLean *et al.*, 1991), nutrients (Nixon *et al.*, 1986), and organic contaminants (Latimer and Quinn, In prep.; Latimer *et al.*, 1991). Early in the diagenetic timeline contaminants associated with sediments are subject to remobilization. For example, resuspension of anoxic sediments into oxic bottom waters has been shown to release previously coprecipitated metals (Morse, 1994). Although aerial transport of PCBs and PAHs is an important input mechanism to the ocean, once deposited, their dispersion is mainly controlled by particle dynamics. Resuspension of contaminated marine sediments has been identified as a transport mechanism for organic contaminants (PAH, PCB and coprostanol) between the Hudson River estuary and the continental shelf and between the benthos and water column (Boehm, 1983). In Lake Superior, resuspension events were estimated to cause a 50% increase in PCB levels in the overlying water (Baker *et al.*, 1985). Fluxes of carbon, nitrogen, and bacteria from the sediments during resuspension add significantly to the autochthonous pools in the overlying water column (Wainright, 1990). Moran and Moore have demonstrated that resuspended sediments release dissolved Al into the water column and speculated that elevated levels of Al in certain sections of the North Atlantic Deep Water are due to this phenomenon (Moran and Moore, 1991). Moreover, suspended particulate matter has been shown to have higher levels of nutrients and petroleum hydrocarbons than the nearby surficial sediments (Quinn *et al.*, 1992; Oviatt and Nixon, 1975).

The injection of contaminants into the water column under conditions of resuspension can have a direct effect on the biota. Nutrients from resuspended sediments stimulate the growth of water column bacteria and protozoa (Wainright, 1987) and Pruell has demonstrated that filter feeding organisms (i.e., Blue mussels, *Mytilus edulis*) accumulate hydrophobic organic contaminants from resuspended sediments (Pruell *et al.*, 1987), which may cause toxic effects (Hennsen *et al.*, 1994). In the present study, contaminant behavior during the steady state portion of the resuspension episode was investigated. This is the period when E = D and would represent the period of maximum solids injection into the overlying water column.

Solid Phase Interactions

The formation - destruction of resuspended sediment aggregates plays an important role in the adsorption and desorption of particle active contaminants such as PCBs and PAHs. Resuspension events are dynamic, in which particle concentration and collision frequency increases. These events cause a large amount of material to be entrained into the water column and may accelerate various diagenetic processes such as bacterial attack and oxidation. The net result of these processes will be reflected in the particle data measured during the resuspension experiments. The distribution and concentration data were evaluated a number of ways and statistical as well as qualitative measures of interaction were employed to evaluate the processes operating during the resuspension events simulated. On a volume normalized basis (**Figure** 9) the concentration of PCBs and PAHs generally increased either linearly or exponentially with increasing applied shear. This is a consequence of the increased suspended solids entrainment with applied shear noted above. Concentrations of particle associated PCBs increased as much 69 times (PR) as the applied shear increased from 2 to 5 dynes cm^{-2}; for the PAHs an increase of up to 21 times (PR) was measured. These findings reveal that tidal and non tidal turbulence can entrain contaminants into the water column. This behavior has significant implications for dredge spoil disposal sites as well as for urban estuaries and harbors that have large expanses of historically contaminated silty-clayey sediments. Others have noted increases in PCB concentrations in areas of resuspension (Baker *et al.*, 1985). However, due to scale effects and the absence of the u and v contributions to the velocity field, quantitative ecological exposure assessment of the measured concentrations using the PES cannot be readily obtained. Using the PES, others have detected the opposite behavior and attributed it to the entrainment of coarser particles under higher stress conditions (Raccanelli *et al.*, 1989), yet under the present experimental conditions, the coarser particles entrained (**Figure** 7) were insufficient to depress the contaminant concentrations except in the case of the least contaminated Rocky Point sediments. Thus, the view, based solely on textural considerations, that the higher the applied shear the lower the exposure level to the overlying water column and indigenous organisms, is not always the case. Moreover, knowledge of the textural characteristics of the bulk sediment is not predictive of the exposure fields. Indeed, both the PR and RP sediments had similar bulk sediment characteristics (**Figure** 7A and B) yet their behavior was significantly different. Although, one must bear in mind that the bulk sediment data represent the top 5-10 mm of sediment, whereas the PES entrains only the top 1mm.

On both mass and on an organic carbon normalized basis, decreased particle loadings of contaminants with increased applied shear were observed (**Figure** 10). It should be noted that the organic carbon content (range: 3.6-7.3% for resuspended particulates; 2.6-8.3% for bulk sediment) of the resuspended sediments showed similar decreases as applied shear increased, and that the resuspended sediments were generally enriched with respect to the bulk sediments. The trend detected for the total organic contaminants was also observed for many of the individual chlorinated species (**Figure** 11) as well as for the individual aromatic hydrocarbons, up to benzo(e)pyrene (**Figure** 12). Others have noted similar decreases for PCBs (Raccanelli *et al.*, 1989) and attributed the behavior to the preferential entrainment of coarser particles with lower contaminant loadings. Scrutiny of the data, however, reveals subtle exceptions to the general observation noted above. Specifically, the high molecular weight PAHs, those with log $K_{ow} > 6$, exhibited greater loadings at the higher shears. Compare the behavior of fluoranthene (log K_{ow} = 5.22 (Mackay *et al.*, 1992)) with Indeno[1,2,3-cd]pyrene (INP, log K_{ow} = 6.25 (Mackay *et al.*, 1992)) (**Figure** 13). During periods of highest resuspension, when greater amounts of larger

sized particles are present, INP loadings are enhanced. Thus INP and other similar PAHs may be associated with a larger size fraction of particles. This is not an entirely new assertion; it has been shown that in addition to nuclei (< 0.08 μm) and accumulation mode aerosols (< 0.08 - 2 μm) (Bidleman, 1988) PAHs have been observed in coarse mode particulates (> 2 μm) (Broman *et al.*, 1990). These observations suggest that the association of high molecular weight PAHs with larger sized particles may be more widespread than previously suggested.

Since the data suggest that the observed phenomena represent the additive effects of multiple particle pools, it would be expected that using the data on the amount of each of the size fractions resuspended during the experiments and the contaminant loadings associated with them, it would be possible to predict the loadings on the resuspended sediments. Using a simple model, based on the assumption of the conservation of particle mass, predicted versus observed loadings were graphed (**Figure** 14). The predictions for the overall PCB loadings on particles for the bedded sediments were very good, under predicting by only, on average, 25 and 23%, respectively, for the PR and RP sediments. For the dredge material the predicted values were, on average, only 25% of the observed loadings. The predicted PAH loadings were also very good, under predicted by 28% for RP and over predicted by 12% for the PR sediments. Underpredictions of 61% were calculated for PAHs associated with resuspended BRH sediments. We consider that the predicted and observed loadings for the PR and RP particles to be due primarily to the analytical variance in measurements. The cause of the low predictions for the resuspended BRH sediments is not known but would be explained by another pool of sorption substrate acting to make up the difference. This pool may be smaller sized particles, including colloids not collected in the process of sequestering the other size fractions. Depending on the relative size of this pool, these particles may have significant contaminant loadings.

Thus far it can be summarized that during resuspension three phenomena occur: (1) for all of the CBs and PAHs with log $K_{ow} < 6$, particle loadings decrease with increasing shear and increasing TSS levels; (2) loadings of PAH with log $K_{ow} > 6$ increase under the same conditions; and (3) it is clear that in the case of the BRH and RP sediments the entrainment of larger sized particles is directly proportional to shear; this is not the case for the PR sediments, which, although variable, showed relatively stable particle sizes throughout - perhaps tending toward smaller sizes with increased shear. In the cases of the CBs and PAHs with log $K_{ow} < 6$, the fact that the loadings decrease with increasing shear show that two possible processes may be taking place: (1) dilution with larger sized particles containing diminished loadings and (2) desorption of these constituents at higher TSS levels. In the case of the PAHs with log $K_{ow} > 6$, the larger sized particles entrained at greater shears are not as depleted as they were for PCBs and PAHs with log $K_{ow} < 6$.

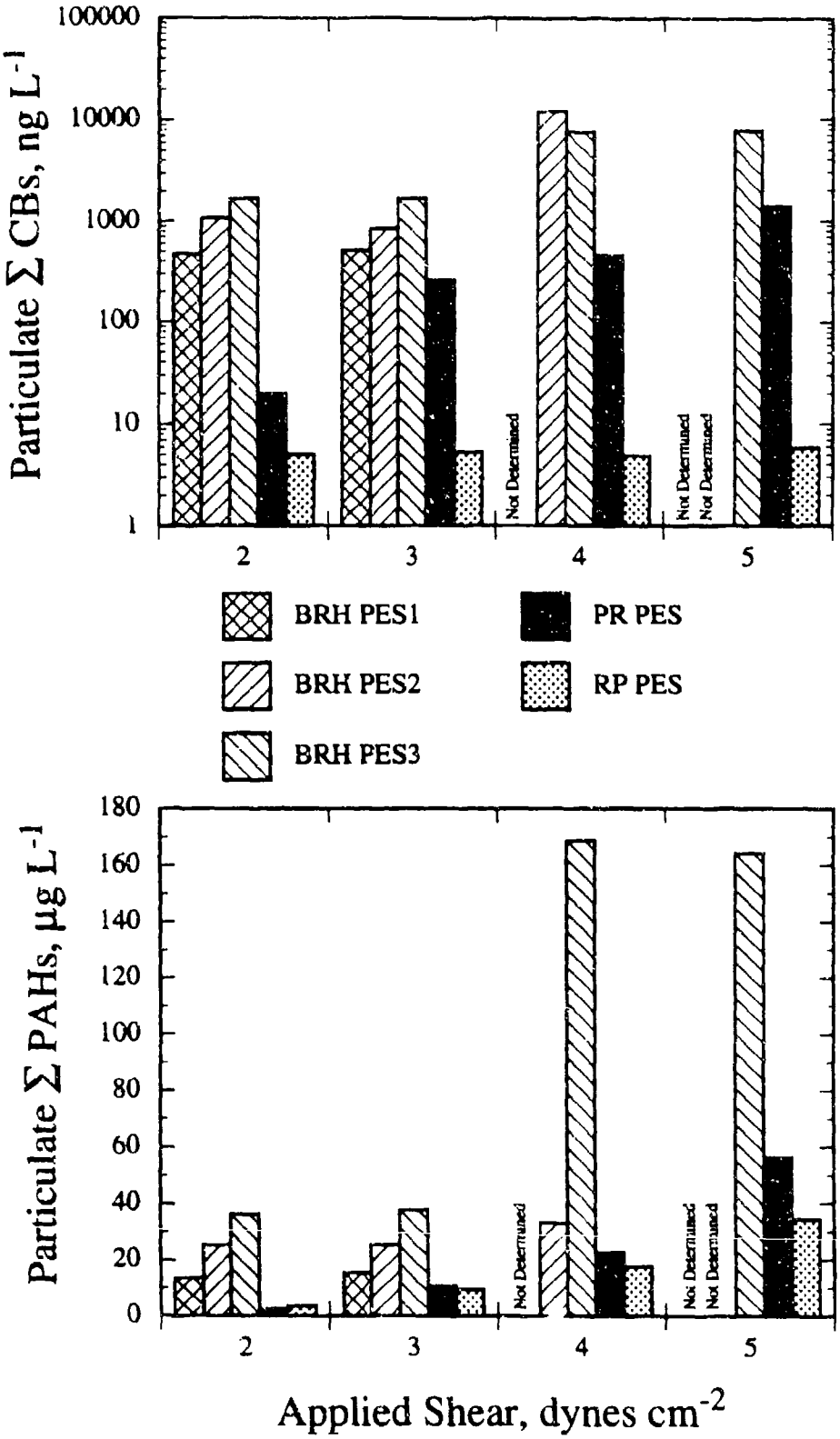


Figure 9. The concentration profiles for total calculated chlorobiphenyls and tot: ' calculated polycyclic aromatic hydrocarbons during the study.

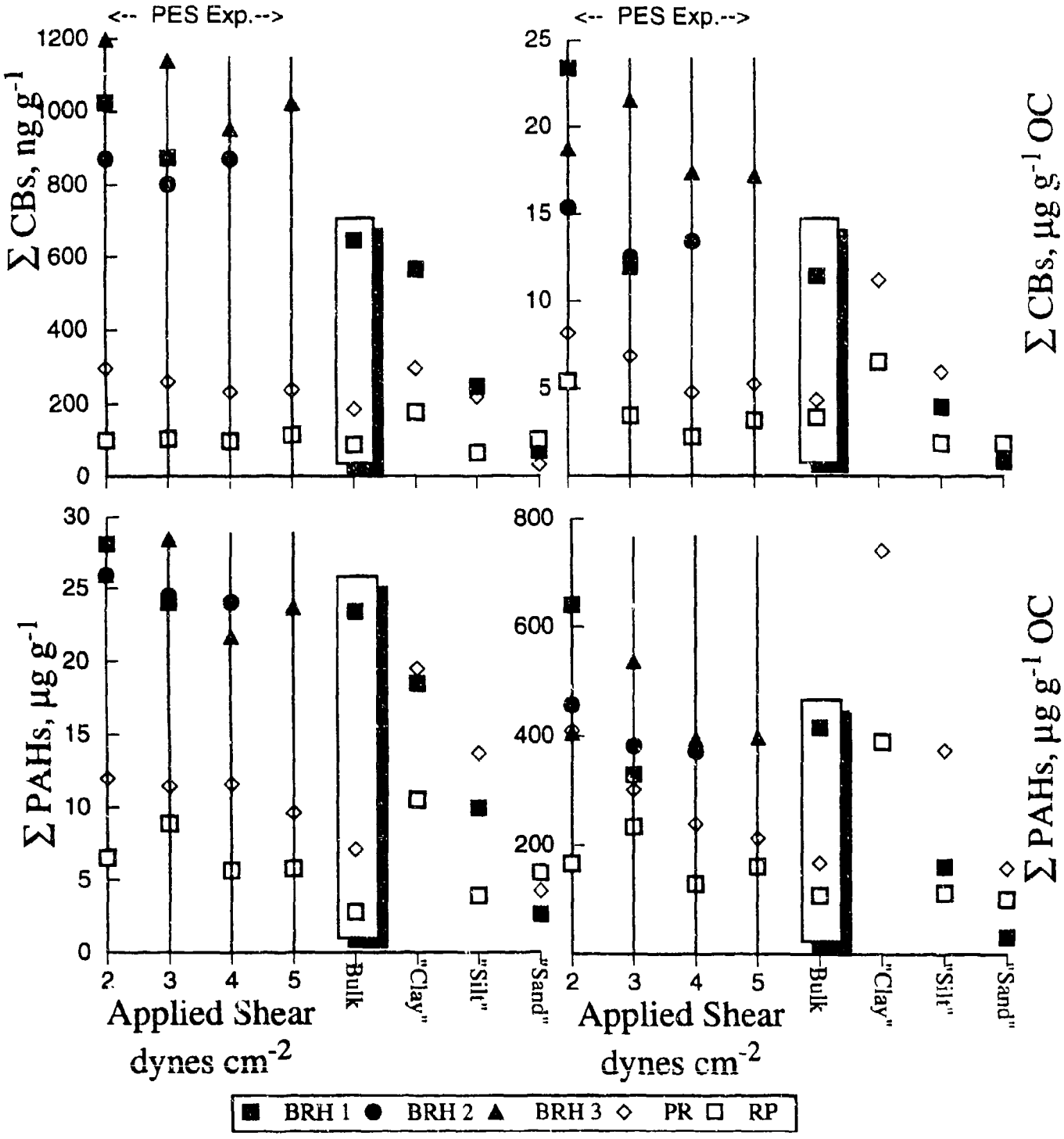


Figure 10. Mass loading of PCBs and PAHs on resuspended particles, normalized to dry weight and to the organic carbon content of the solids.

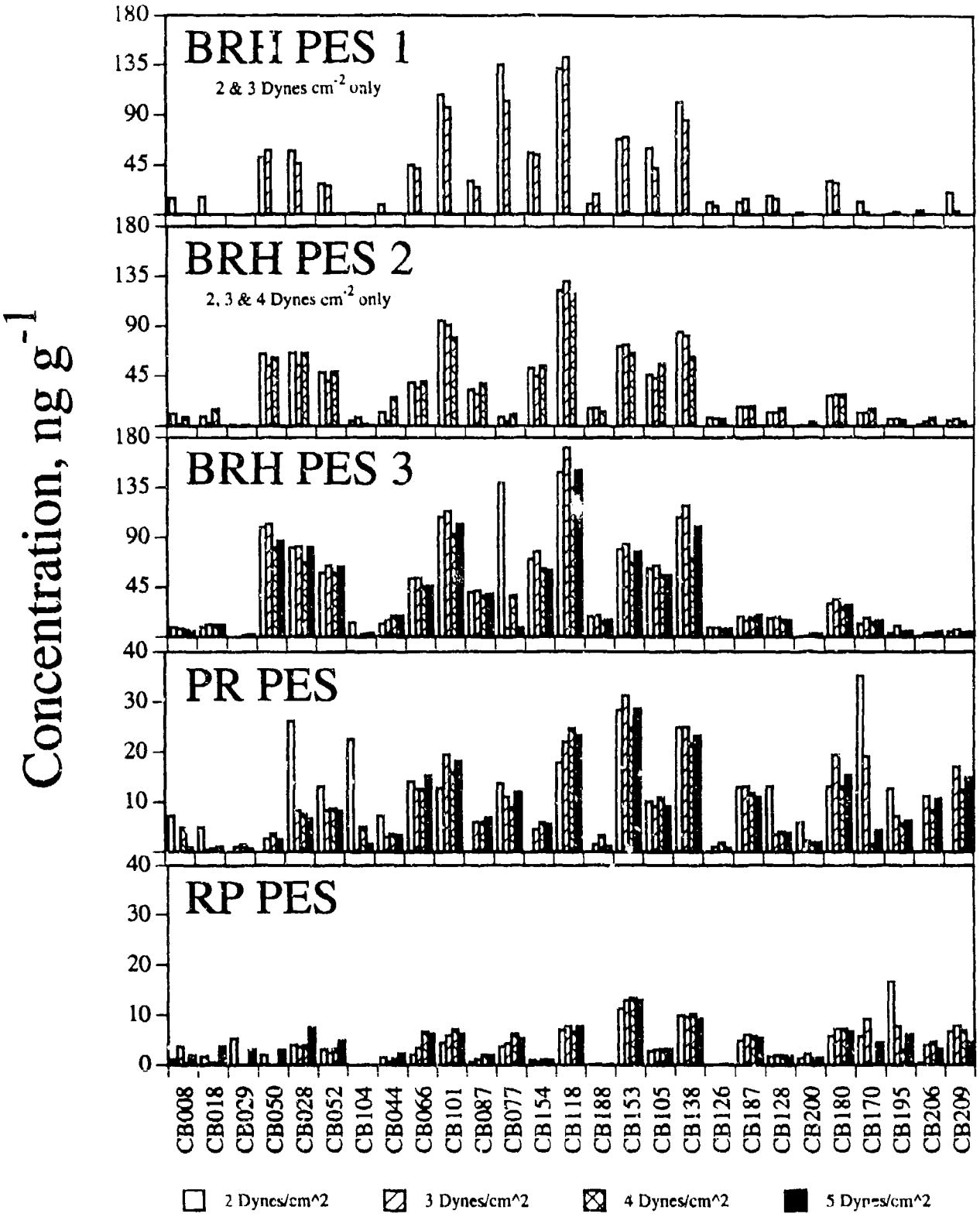


Figure 11. Chlorobiphenyl distribution in resuspended sediments obtained during the PES experiments with applied shears of 2 - 5 dynes cm^{-2}.

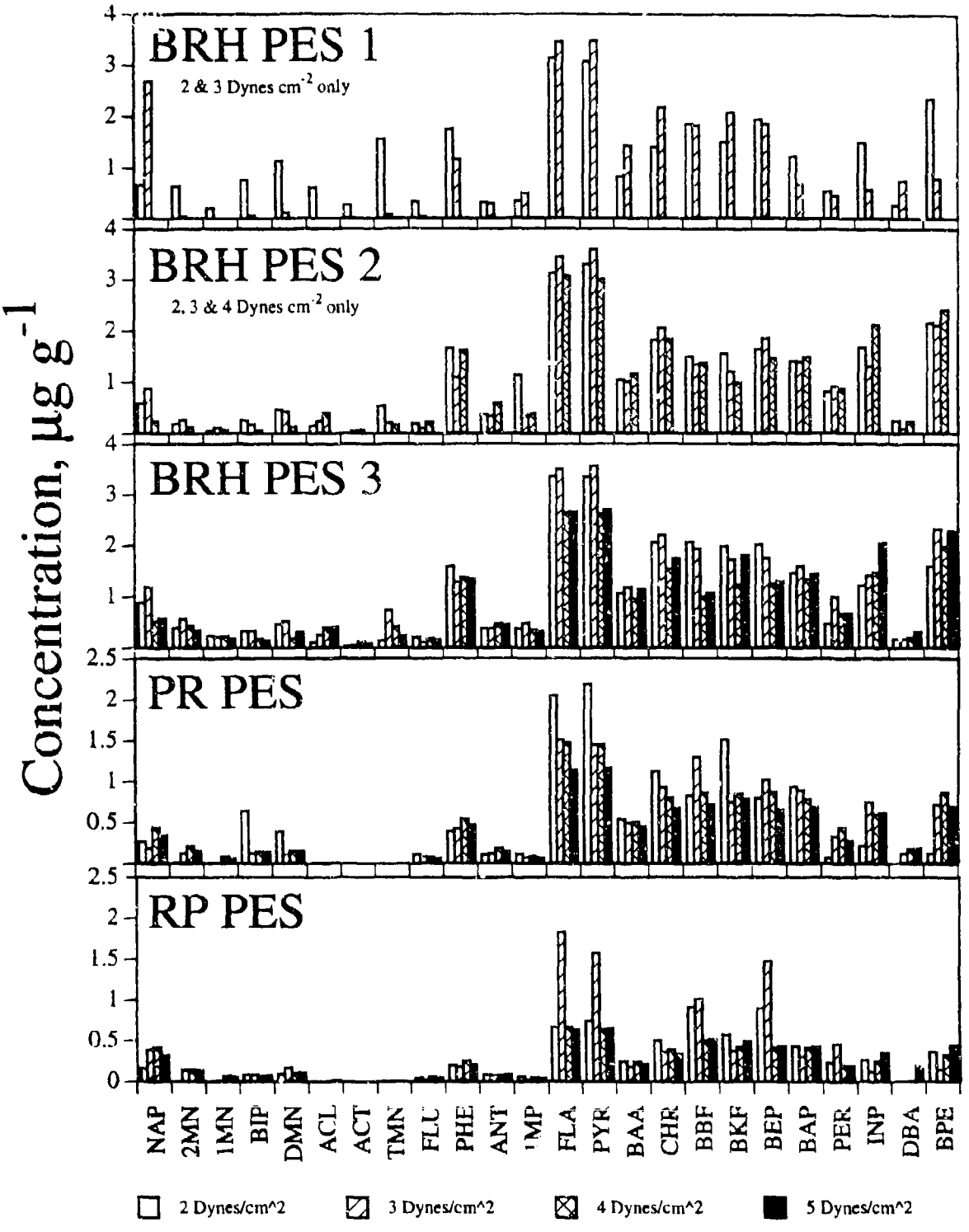


Figure 12. Polycyclic aromatic hydrocarbon distribution in resuspended sediments obtained during the PES experiments with applied shears of 2 - 5 dynes cm^{-2}.

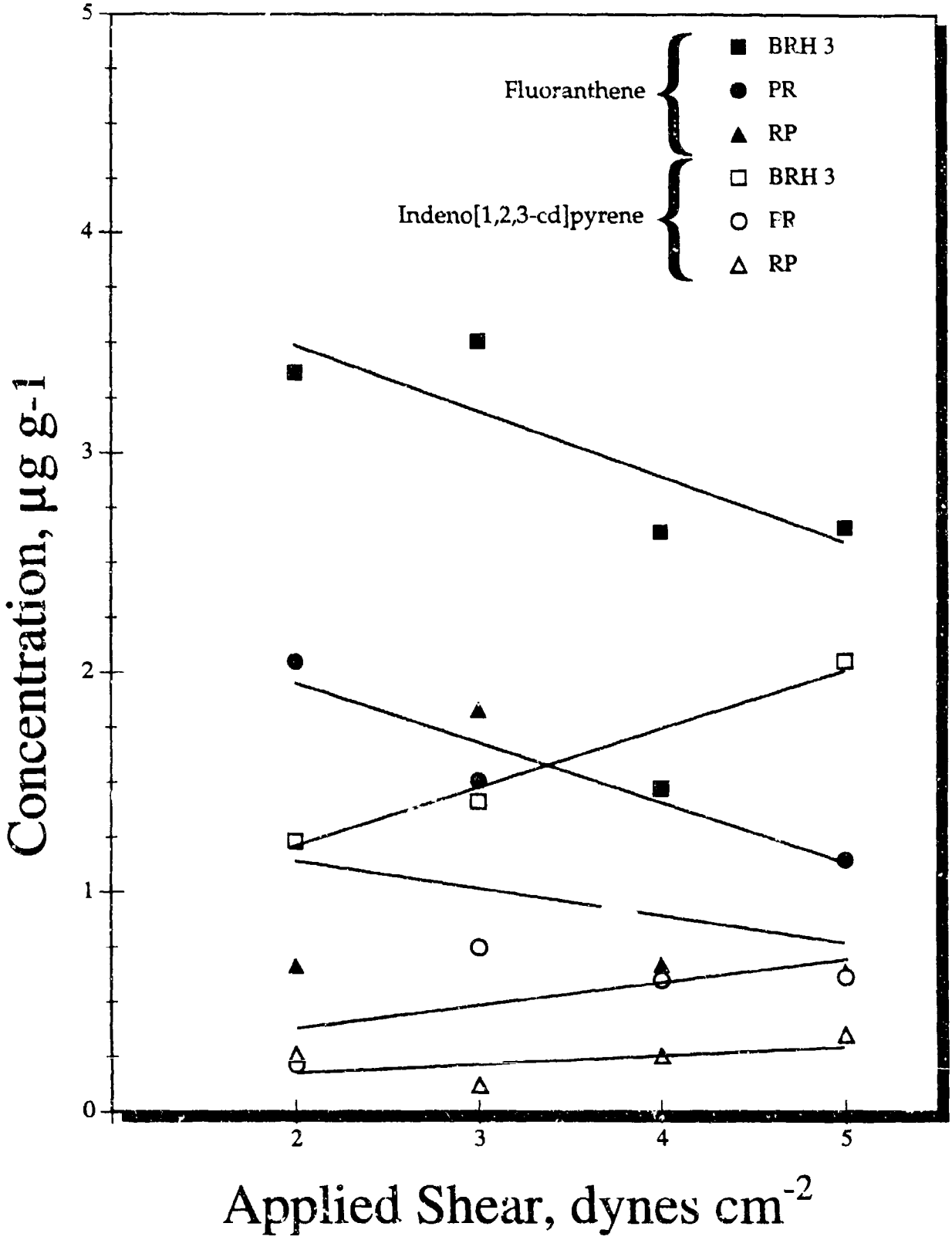


Figure 13. Example particle loadings of for two PAHs observed during resuspension events caused by applied shears of from 2 - 5 dynes cm^{-2}.

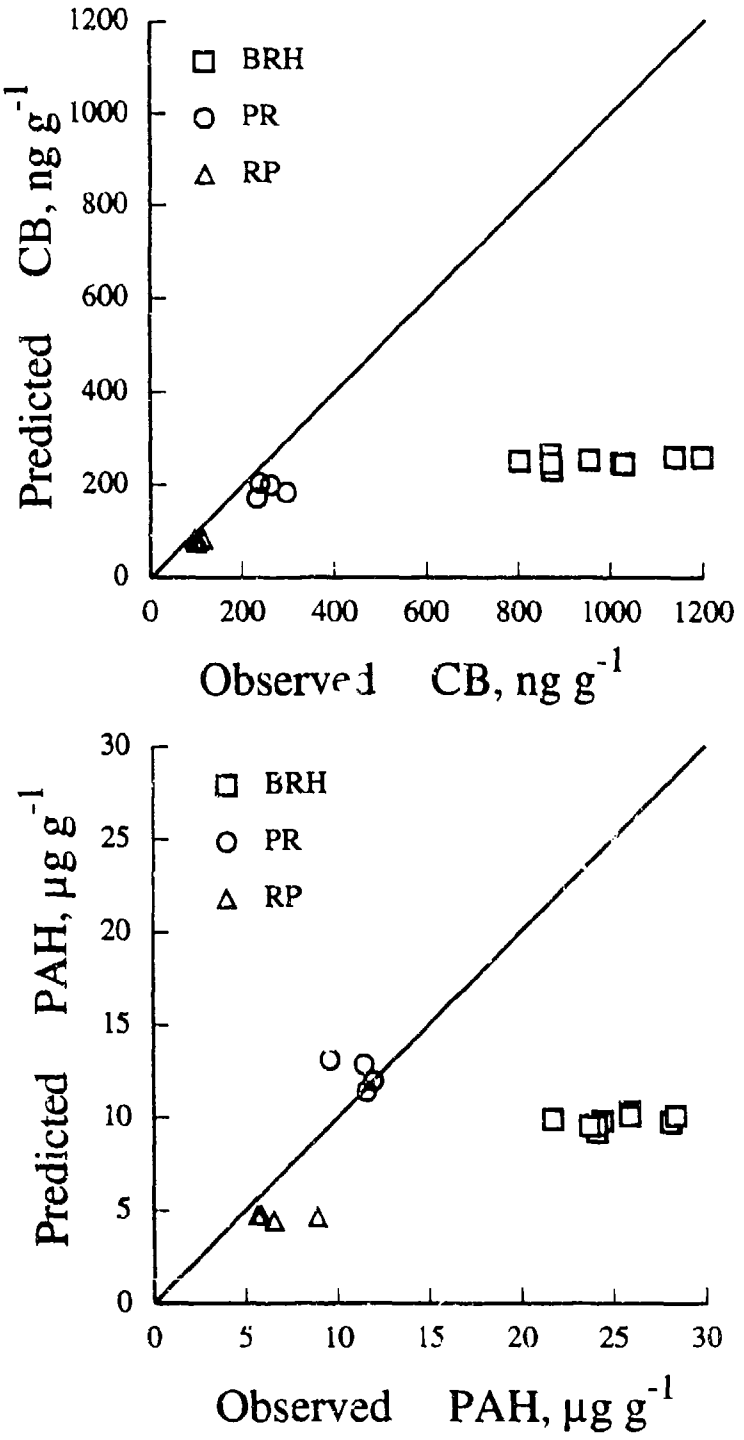


Figure 14. Predicted and observed CB and PAH loadings on resuspended sediments during the simulated resuspension events using the PES.

Solid-Liquid Phase Interactions

The distribution of HOCs between solid and liquid phases is commonly portrayed using a distribution coefficient (K_d) as

$$K_d = \frac{C_p\,(\text{mass gTSS}^{-1})}{C_d\,(\text{mass L}^{-1})} \qquad (6)$$

where C_p is the concentration or loadings of the contaminant in the particle phase and C_d is the concentration in dissolved phase. The K_d is in widespread use in assessing phase associations for particle active constituents such as PCBs and PAHs in aqueous systems. In the present study, distribution coefficients were calculated for PAHs, since these constituents were in high enough concentrations in the dissolved phase for evaluation. The average log K_d value for the individual PAHs was 3.99 ±0.99 (see **Table** 5 for summary). It is well accepted that the active agent for the partitioning of HOCs onto particles is organic carbon; although, the mineral nature of the sorbent is also important (Bush *et al.*, 1990). Thus, if this is the case during resuspension the K_ds for PAHs calculated from published octanol-water partition coefficients together with the fraction organic carbon measured in the samples should compare favorably with the observed coefficients. **Table** 6 gives the compilation of the predicted log K_d values for all of the PAHs measured. The average values (3.57 ±1.0) compare favorably with the measured coefficients. However, a close evaluation of the data divulges that measured partitioning was skewed toward higher K_ds than would be predicted from organic carbon alone (**Figure** 15). An explanation of this would lie in the presence of other active surfaces in addition to the organic carbon; it is possible that sorption onto mineral surfaces may be an additional means to elevate the K_d values. Another possibility is that there are differences in the nature of the organic carbon that would influence its binding capacity for HOCs. Some have invoked diagenetically "new" organic matter as an active substrate for binding PCBs in the sediments during resuspension (Calvo *et al.*, 1991b); however, in the present study, changes in the C/N ratio, an indication of the freshness of the organic material, were minimal, ranging from 7.4 to 9.1 during the PES resuspension events.

The distribution coefficients evaluated on a total TSS, or on a textural proportion and organic carbon weight basis (e.g., $K_{cclay} = C_{cclay}$ (mass g_{cclay}^{-1}) / C_d) show characteristic decreased values in relation to increased suspended solids levels, particularly for the Providence River sediments (**Figure** 16); however, the decreases were less than what has been observed for other HOCs in the Great Lakes (Baker *et al.*, 1986). Under conditions with a surplus of active sorption sites, the thermodynamic partition coefficient should be independent of any bulk property of the system and would reflect the equilibrium relationship between the sorbed and non-sorbed chemical. However, an inverse relationship between the distribution coefficients and the solids concentration, known as the "solids effect," first discussed by Donald O'Connor and John Connolly in 1980 (O'Connor and Connolly, 1980), has been widely observed in the environment. Three mechanisms have been proposed to explain the observed phenomenon (**Figure** 17). Mechanism 1 originally postulated by Voice (Voice *et al.*, 1983) and later elaborated on by others (Gschwend and Wu, 1985) posits the presence of an additional phase corresponding to those particles that are non-settling, including colloidal materials. Thus HOCs are partitioned between the dissolved, settling particle, and non-settling particle phases (i.e., NSP). In most sorption determinations, it has been argued, that this third phase is not adequately taken into account and the HOCs that properly should be considered in the particle phase are ascribed to the dissolved phase. It is further hypothesized that the concentration of colloids is proportional to the concentration of the larger particulates; thus. the result is that at higher concentrations of TSS the partition coefficient decreases because the numerator becomes increasingly large. The other two mechanisms, invoked to explain the K_d behavior, are based upon particle interactions either through agglomeration or through desorption (Di Toro and Horzempa, 1985); each yielding a lowering of available substrate (or active sites) for sorption as TSS levels increase. The fact that the K_ds calculated in the present study do not change greatly with increased TSS levels may be due to a continuous addition of new substrate suitable to bind any dissolved contaminants available. In many cases this substrate is the larger sized particles entrained. Although these larger particles may not have the binding capacity of smaller particles,

due to their abundance, they are adequate to provide additional binding sites. Moreover, the assumption that the concentration of NSPs is proportional to the measured TSSs appears not to be the case during the resuspension events studied, since if NSPs were equally more abundant at higher shears the K_d values would decrease more than what was observed.

Table 5.

Log Kd values determined during PES resuspension events.

		BRH PES1		BRH PES2		BRH PES3		PR		RP		Overall	
Compound	Abbr.	Mean	±sd	Mean	±sd	Mean	±sd	Mean	±sd	Mean	±sd	Mean	±sd
Naphthalene	NAP	2.86	±0.21	3.36	±0.17	2.40	±0.79	2.13	±0.24	1.96	±0.02	2.48	±0.58
2-methylnaphthalene	2MN	5.05	±0.92	3.40	±0.24	4.08	±0.81	5.27		5.33	±0.41	4.63	±0.90
1-methylnaphthalene	1MN	5.15	±0.72	3.19		3.69	±0.69	1.62				3.79	±1.28
1,1'-biphenyl	BIP			2.89		3.61		1.18	±0.31	0.96	±0.19	1.70	±1.01
2,6-dimethylnaphthalene	DMN	4.41	±0.63	3.11		3.71	±0.13	3.71	±0.05	3.70	±0.23	3.87	±0.47
Acenaphthylene	ACL	4.55		3.70		4.18		3.05	±0.26	2.26		3.47	±0.78
Acenaphthene[8CI]	ACT	4.36		2.62		3.22	±0.50					3.24	±0.73
2,3,5-trimethylnaphthalene	TMN	4.60	±0.89	3.19	±0.69	3.45	±0.85					3.78	±0.90
9h-Fluorene	FLU	3.56	±0.67	3.64	±0.13	3.67	±0.24	3.65	±0.15	3.32	±0.41	3.60	±0.32
Phenanthrene	PHE	4.24	±0.90	4.01	±0.15	3.88	±0.24	4.83		6.19		4.26	±0.78
Anthracene	ANT	3.85	±0.27	4.05	±1.11	4.08	±0.53					3.76	±0.72
1-methylphenanthrene	1MP	3.80	±0.32	4.41	±0.66	4.52	±0.82			3.21		4.09	±0.66
Fluoranthene	FLA	5.27		4.26	±0.23	5.34	±1.42					4.86	±0.82
Pyrene	PYR	5.02		4.33	±0.26	4.72	±0.37					4.70	±0.41
Benz[a]anthracene	BAA	4.34	±0.91	4.86	±0.35	4.54		4.49	±0.08	4.17	±0.10	4.41	±0.49
Chrysene	CHR			4.84	±0.65	5.89						5.19	±0.76
Benzo[b]fluoranthene	BBF	4.14	±0.93	4.13		4.58	±0.67	4.35	±0.18	4.25	±0.22	4.30	±0.49
Benzo[k]fluoranthene	BKF			3.95	±0.35	5.50						4.46	±0.93
Benzo[e]pyrene	BEP	5.21	±0.39	3.85	±0.23	5.08	±0.91	5.17	±0.16	5.18	±0.37	5.02	±0.50
Benzo[a]pyrene	BAP	4.55	±0.63	4.65	±0.97	5.19	±0.34	4.90	±0.09	4.67	±0.13	4.79	±0.41
Perylene	PER			4.65	±0.15	4.93						4.74	±0.19
Indeno[1,2,3-cd]pyrene	INP	4.27	±0.30	4.80		4.18		4.09	±0.09	3.55	±0.23	4.05	±0.39
Dibenz[a,h]anthracene	DBA	3.02	±0.24	3.27	±0.26	3.06	±0.51	3.58	±0.09	2.27		3.55	±0.67
Benzo[ghi]perylene	BPE	4.54	±0.34	4.85	±0.17	4.41		4.25	±0.10	3.74	±0.26	4.22	±0.46

Table 6.

Predicted distribution coefficients (from Koc and foc) for samples collected during resuspension events.

	NAP	2MN	1MN	BIP	DMN	ACL	ACT	TMN	FLU	PHE	ANT	IMP	FLA	PYR	BAA	CHR	BBF	BKF	BEP	BAP	PER	INP	DBA	BPE
BRH PES1 Log Kd*																								
2 d/cm^2	1.75	2.17	2.02	2.48	2.75	2.28	2.66	3.44	2.99	2.95	3.03	3.58	3.68	3.50	3.97	3.78	4.36	4.37	4.24	4.88	4.89	5.14	4.90	4.87
3 d/cm^2	1.97	2.39	2.24	2.70	2.97	2.50	2.88	3.66	3.21	3.17	3.25	3.80	3.90	3.72	4.19	4.00	4.58	4.59	4.46	5.10	5.11	5.36	4.92	5.09
BRH PES2 Log Kd*																								
2 d/cm^2	1.87	2.29	2.14	2.60	2.87	2.40	2.78	3.56	3.11	3.07	3.15	3.70	3.80	3.62	4.09	3.90	4.48	4.49	4.36	5.00	5.01	5.26	4.72	4.99
3 d/cm^2	1.92	2.34	2.19	2.65	2.92	2.45	2.83	3.61	3.16	3.12	3.20	3.75	3.85	3.67	4.14	3.95	4.53	4.54	4.41	5.05	5.06	5.31	4.77	5.04
4 d/cm^2	1.92	2.34	2.19	2.65	2.92	2.45	2.83	3.61	3.16	3.12	3.20	3.75	3.85	3.67	4.14	3.95	4.53	4.54	4.41	5.05	5.06	5.31	4.77	5.04
BRH PES3 Log Kd*																								
2 d/cm^2	1.92	2.34	2.19	2.65	2.92	2.45	2.83	3.61	3.16	3.12	3.20	3.75	3.85	3.67	4.14	3.95	4.53	4.54	4.41	5.05	5.06	5.31	4.77	5.04
3 d/cm^2	1.83	2.25	2.10	2.56	2.83	2.36	2.74	3.52	3.07	3.03	3.11	3.66	3.76	3.58	4.05	3.86	4.44	4.45	4.32	4.96	4.97	5.22	4.68	4.95
4 d/cm^2	1.85	2.27	2.12	2.58	2.85	2.38	2.76	3.54	3.09	3.05	3.13	3.68	3.78	3.60	4.07	3.88	4.46	4.47	4.34	4.98	4.99	5.24	4.70	4.97
5 d/cm^2	1.89	2.31	2.16	2.62	2.89	2.42	2.80	3.58	3.13	3.09	3.17	3.72	3.82	3.64	4.11	3.92	4.50	4.51	4.38	5.02	5.03	5.28	4.74	5.01
PR Log Kd*																								
2 d/cm^2	1.67	2.09	1.94	2.40	2.67	2.20	2.58	3.36	2.91	2.87	2.95	3.50	3.60	3.42	3.89	3.70	4.28	4.29	4.16	4.80	4.81	5.06	4.52	4.79
3 d/cm^2	1.69	2.11	1.96	2.42	2.69	2.22	2.60	3.38	2.93	2.89	2.97	3.52	3.62	3.44	3.91	3.72	4.30	4.31	4.18	4.82	4.83	5.08	4.54	4.81
4 d/cm^2	1.80	2.22	2.07	2.53	2.80	2.33	2.71	3.49	3.04	3.00	3.08	3.63	3.73	3.55	4.02	3.83	4.41	4.42	4.29	4.93	4.94	5.19	4.65	4.92
5 d/cm^2	1.76	2.18	2.03	2.49	2.76	2.29	2.67	3.45	3.00	2.96	3.04	3.59	3.69	3.51	3.98	3.79	4.37	4.38	4.25	4.89	4.90	5.15	4.61	4.88
RP Log Kd*																								
2 d/cm^2	1.70	2.12	1.97	2.43	2.70	2.23	2.61	3.39	2.94	2.90	2.98	3.53	3.63	3.45	3.92	3.73	4.31	4.32	4.19	4.83	4.84	5.09	4.55	4.82
3 d/cm^2	1.69	2.11	1.96	2.42	2.69	2.22	2.60	3.38	2.93	2.89	2.97	3.52	3.62	3.44	3.91	3.72	4.30	4.31	4.18	4.82	4.83	5.08	4.54	4.81
4 d/cm^2	1.75	2.17	2.02	2.48	2.75	2.28	2.66	3.44	2.99	2.95	3.03	3.58	3.68	3.50	3.97	3.78	4.36	4.37	4.24	4.88	4.89	5.14	4.60	4.87
5 d/cm^2	1.67	2.09	1.94	2.40	2.67	2.20	2.58	3.36	2.91	2.87	2.95	3.50	3.60	3.42	3.89	3.70	4.28	4.29	4.16	4.80	4.81	5.06	4.52	4.79

*predicted from lit Log Koc and foc in samples

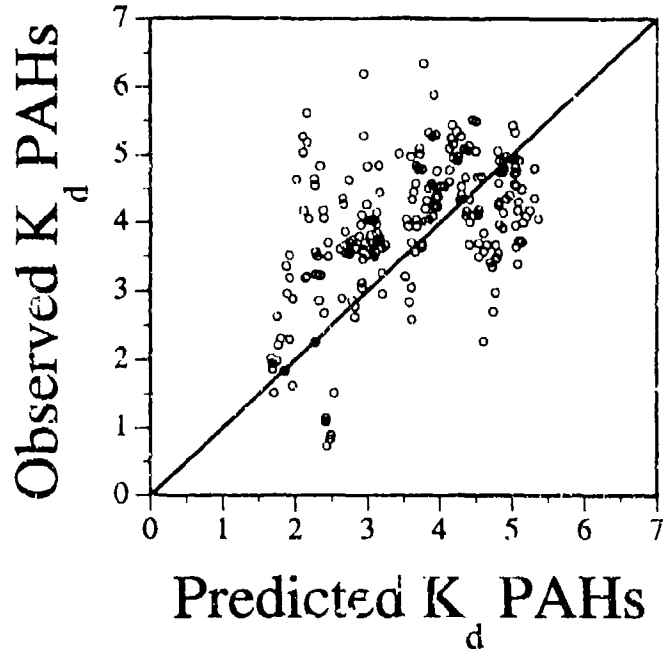


Figure 15. Predicted and observed K_d values for PAHs during PES resuspension experiments.

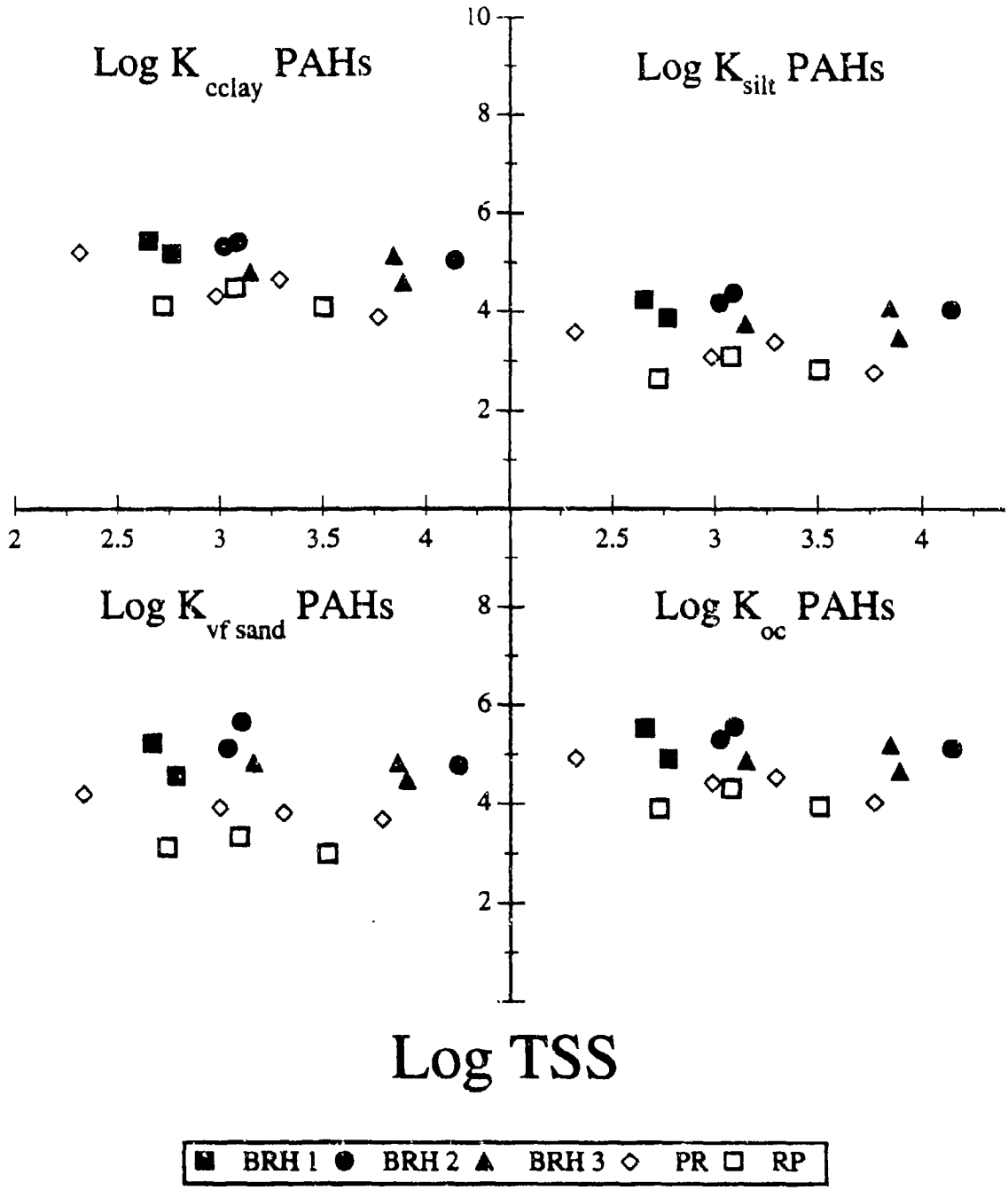


Figure 16. Log K_ds normalized to the proportion of each of the particle sizes and organic carbon content versus log TSS during resuspension.

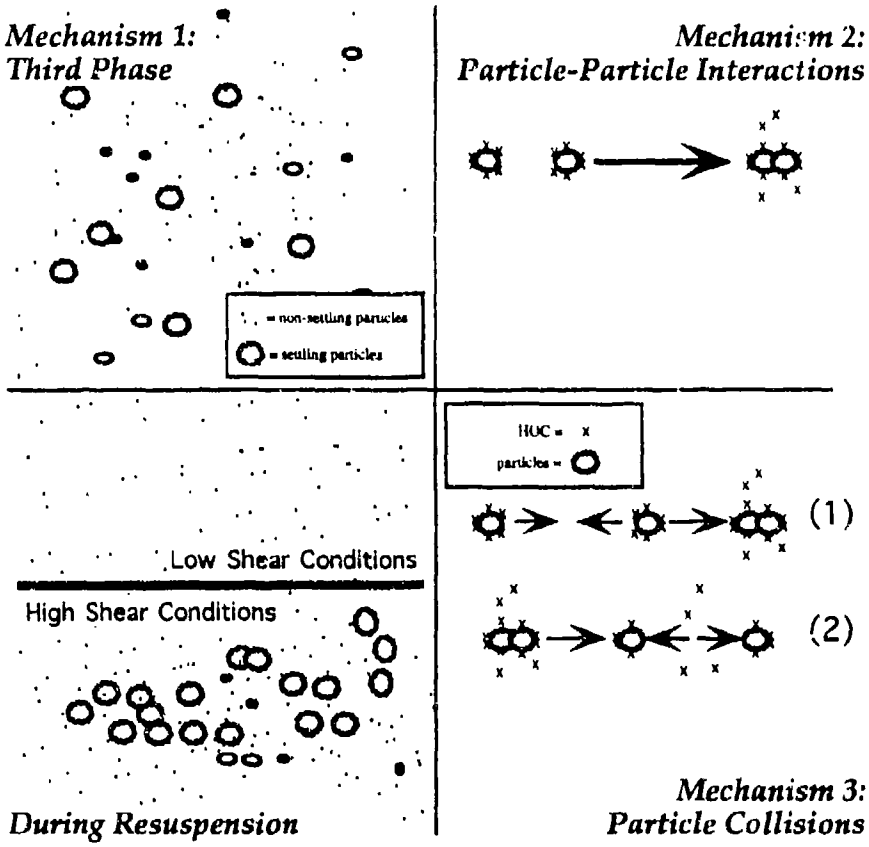


Figure 17. Stylized depictions of the hypotheses describing the relationship between K_d and particle concentrations.

CONCLUSIONS

The interaction of in-place contaminated sediments with the overlying water column and indigenous biota is a relatively new area of study. The paradigm, that previously classified sediments as sinks for contaminants, is now known to be an oversimplification. Studies aimed at evaluating the chemistry and dynamics of hydrophobic organic contaminants during resuspension are important to understand the role that in-place sediments have in the transport and fate of contaminants at the sediment-water interface. The present study was designed to investigate the resuspension phenomenon in the laboratory using a particle entrainment simulator. In these experiments, sediments, having a variety of contaminant, and textural characteristics, were artificially resuspended by applying turbulence equivalent to surface shears from 2 to 5 dynes cm^{-2}. The objectives were to evaluate contaminant chemistry and dynamics as a function of resuspension magnitude. Important insight was gained from these laboratory studies that would not have been possible from field studies since all of the important variables would have been difficult to control or measure. Several conclusions on the chemistry and dynamics of HOCs during resuspension were obtained:

(1) The degree of entrainment of particles was related to the experimental shear applied and the characteristics of the bulk sediments. It was found that the bedded sediments had lower entrainment rates than the dredge materials due to the presence of greater amounts of larger grained sized particles.

(2) The sizes of the particles entrained from the bedded sediments changed with increasing resuspension magnitude and were likely due to non-uniform characteristics of sediment with depth in the zone of resuspension (up to 1 mm). In the case of the more highly contaminated Providence River sediments the mean particle size increased with applied shear; whereas for the less contaminated Rocky Point sediment the particle sizes decreased over the same applied shear range. Moreover both of these sediment types exhibited particle size distributions during resuspension that were skewed toward smaller particles than those of the bulk sediments.

(3) The particle size distribution for the dredged material was relatively constant under widely different resuspension conditions and was similar to the bulk sediment characteristics.

(4) On a mass loading and an organic carbon loading weight basis, the entrained particulate material was modestly depleted in PCBs and PAHs with Log $K_{ow} < 6$ as the applied shear and the amount of overall material were resuspended into the overlying water column. Alternately, higher molecular weight PAHs (log $K_{ow} > 6$) showed enriched loadings under the same conditions. On a volume weighted basis the amount of organic contaminants increased in the water column as resuspension energy increased.

(5) The distribution of PAHs between the dissolved and particulate phases (K_ds) showed relatively minor decreases with increased applied shear and TSS levels during the resuspension events.

Two processes are the likely causes of the contaminant behavior during resuspension:

(a) Dilution due to the entrainment of larger sized particulates depleted in PCBs and lower molecular weight PAHs (log $K_{ow} < 6$). This particle pool, however, was relatively enriched in high molecular weight PAHs (log $K_{ow} > 6$). In addition, this mechanism would explain the behavior of K_ds during resuspension.

(b) Agglomeration or particle collisions causing loss of binding sites or desorption of PCBs and low molecular weight PAHs from resuspended particulates as applied shear and TSS levels increased. High molecular PAHs were not as affected by this phenomenon possibly due to

stronger binding on particles. Mechanism b however, would cause relatively large decreases in K_ds during resuspension; this was not observed.

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REFERENCES

Baker, J. E., P. D. Capel and S. J. Eisenreich. 1986. Influence of colloids on sediment-water partition coefficients of polychlobiphenyl congeners in natural waters. *Envir. Sci. Tech.* **20** 1136-1143.

Baker, J. E., S. J. Eisenreich, T. J. C. Johnson and B. M. Halfman. 1985. Chlorinated hydrocarbon cycling in the benthic nepheloid layer of Lake Superior. *Environ. Sci. Technol.* **19** 854-861.

Bedford, K. W. *In situ measurement of entrainment, resuspension, and related processes at the sediment-water interface*; Transport and Transformation of Contaminants Near the Sediment-Water Interface. J. V. DePinto, W. Lick and J. F. Paul, Ed., Lewis Publishers: Boca Raton, 1994, 59-93.

Bender, K. and W. R. Davis. 1984. The effect of feeding by *Yoldia limatula* on bioturbation. *Ophelia.* **23**

Bidleman, T. F. 1988. Atmospheric processes. *Environ. Sci. Technol.* **22** 361-367.

Boehm, P. D. 1983. Coupling of organic pollutants between the estuary and Continental Shelf and the sediments and water column in the New York Bight region. *Can. J. Fish. Aquat. Sci.* **40** 262-276.

Bokuniewicz, H., L. McTiernan and W. Davis. 1991. Measurement of sediment resuspension rates in Long Island Sound. *Geo-Mar. Let.* **11** 159-161.

Broman, D., C. Naf, M. Wik and I. Renberg. 1990. The importance of spheroidal carbonaceous particles (SCPs) for the distribution of particulate polycyclic aromatic hydrocarbons (PAHs) in an estuarine-like urban coastal water area. *Chemosphere.* **21** 69-77.

Bush, B., L. Shane and L. Wood. 1990. Precipitation of 78 PCB congeners from aqueous solution by clay. *Bull. Environ. Contam. Toxicol.* **45** 125-132.

Calvo, C., R. Donazzolo, F. Guidi and A. A. Orio. 1991a. Heavy metal pollution studies by resuspension experiments in Venice Lagoon. *Wat. Res.* **25** (10): 1295-1302.

Calvo, C., M. Grasso and G. Gardenchi. 1991b. Organic carbon and nitrogen in sediments and in resuspended sediments of Venice Lagoon: Relationships with PCB contamination. *Mar. Poll. Bull.* **22** (11): 543-547.

Davis, W. R. 1993. The role of bioturbation in sediment resuspension and its interaction with physical shearing. *J. Exp. Mar. Biol. Ecol.* **171** 187-200.

Davis, W. R. and J. C. Means. 1986. "A developing model of benthic-water contaminant transport in bioturbated sediment" 21st European Marine Biology Symposium, Gdansk, Poland.

Di Toro, D. M. and L. M. Horzempa *Reversible and resistant component model of hexachlorobiphenyl adsorption-desorption resuspension and dilution*; D. Mackay, S. Paterson, S. J. Eisenreich and M. S. Simmons, Ed., Ann Arbor Science: Ann Arbor, MI, 1985; 89-113.

Fukuda, M. K. and W. Lick. 1980. The entrainment of cohesive sediments in freshwater. *J. Geophys. Res.* **85** (C5): 2813-2824.

Grant, W. D., L. F. Boyer and L. P. Sanford. 1982. The effects of bioturbation on the initiation of motion of intertidal sands. *J. Mar. Res.* **40** 659-677.

Gschwend, P. M. and S. Wu. 1985. On the constancy of sediment-water partition coefficients of hydrophobic organic pollutants. *Environ. Sci. Technol.* **19** 90-96.

Hermsen, W., I. Sims and M. Crane. 1994. The bioavailability and toxicity to *Mytilus edulis* L. of two organochlorine pesticides adsorbed to suspended solids. *Mar. Environ. Res.* **38** 61-69.

Keith, D. J., W. R. Davis and J. F. Paul. 1991. Sediment erodibility in Narragansett Bay, Rhode Island; a method of predicting sediment dynamics. Final Report to EPA Region 1. **ERLN No. 1112**. Environmental Research Laboratory Narragansett (ERLN).

Latimer, J. S., L. A. LeBlanc, J. T. Ellis and J. G. Quinn *The distribution of PCBs in the surface sediments of Narragansett Bay, RI*; Organic Substances and Sediments in Water: Volume 2. Processes and Analytical. R. A. Baker, Ed., Lewis Pub. Inc.: Chelsea, MI, 1991, 221-248.

Latimer, J. S., L. A. LeBlanc, J. T. Ellis, J. Zheng and J. G. Quinn. 1990. The sources of PCBs to the Narragansett Bay estuary. *Sci. Tot. Environ.* **97/98** 155-167.

Latimer, J. S. and J. G. Quinn. In prep. Historical trends and current inputs of hydrophobic organic contaminants in an urban estuary: the sedimentary record.

Lavelle, J. W. and W. R. Davis. 1987. Measurements of benthic sediment erodibility in Puget Sound, WA. NOAA Technical Memorandum. **ERL PMEL-72**. National Oceanic and Atmospheric Administration.

LeBlanc, L. A., J. S. Latimer, J. T. Ellis and J. G. Quinn. 1992. The geochemistry of coprostanol in waters and surface sediments of Narragansett Bay. *Estuar. Coast. and Shelf Sci.* **34** (5): 439-458.

Lick, W. *The flocculation, deposition, and resuspension of fine-grained sediments*; Transport and transformation of contaminants near the sediment-water interface. J. V. DePinto, W. Lick and J. F. Paul, Ed., Lewis: Boca Raton, 1994, 35-58.

Lick, W. and S. W. Kang. 1987. Entrainment of sediments and dredged materials in shallow lake waters. *J. Great Lakes Res.* **13** (4): 619-627.

Mackay, D., W. Y. Shiu and K. C. Ma *Illustrated Handbook of Physical - Chemical Properties and Environmental Fate for Organic Chemicals Vol II Polycyclic Aromatic Hydrocarbons, Polychlorinated Dioxins and Dibenzofurans*; Ed., Lewis Publishers: Boca Raton, 1992; 597.

McLean, R. I., J. K. Summers, C. R. Olsen. S. L. Domotor, I. L. Larsen and H. Wilson. 1991. Sediment accumulation rates in Conowingo Reservoir as determined by man-made and natural radionuclides. *Estuaries.* **14** 148-156.

Moran, S. B. and R. M. Moore. 1991. The potential source of dissolved aluminum from resuspended sediments to the North Atlantic Deep Water. *Geochim. Cosmochim. Acta.* **55** 2745-2751.

Morse, J. W. *Release of toxic metals via oxidation of authogenic pyrite in resuspended sediments*; Environmental Geochemistry of Sulfide Oxidation. C. N. Alpers and D. W. Blowes, Ed., ACS: 1994, 289-297.

Mueller, C., W. R. Munns, D. J. Cobb, E. A. Petrocelli, G. G. Pesch, W. G. Nelson, D. M. Burdick, F. T. Short and R. K. Johnston. 1992. Standard Operating Procedures and Field Methods Used for Conducting Ecological Risk Assessment Case Studies. Technical Document 2296. **ERL-N No. 1263**. Environmental Research Laboratory-Narragansett.

Nixon, S. W., C. D. Hunt and B. L. Nowicki *The retention of nutrients (C,N,P), heavy metals (Mn, Cd, Pb, Cu), and petroleum hydrocarbons in Narragansett Bay*; Ed., 1986; 99-122.

O'Connor, D. J. and J. P. Connolly. 1980. The effect of concentration of adsorbing solids on the partition coefficient. *Water Res.* **14** 1517-1523.

Oviatt, C. A. and S. W. Nixon. 1975. Sediment resuspension and deposition in Narragansett Bay. **3** 20j1-217.

Partheniades, E. 1965. Erosion and deposition of cohesive soils. *Jour. Hydraulics Div. Proc. Am. Soc. Civ. Eng.* **HY1** 105-139.

Pruell, R. J. and J. G. Quinn. 1985. Geochemistry of organic contaminants in Narragansett Bay sediments. *Est. Coast. Shelf Sci.* **21** 295-312.

Pruell, R. J., J. G. Quinn, J. L. Lake and W. R. Davis *Availability of PCBs and PAHs to Mytilus edulis from artificially resuspended sediments.*; Oceanic Processes in Marine Pollution. J. M. Capuzzo and D. R. Kester, Ed., R. E. Krieger Publ. Co.: Malabar, FL, 1987, 265.

Quinn, J. G., J. S. Latimer, L. A. LeBlanc and J. T. Ellis. 1992. Assessment of organic contaminants in Narragansett Bay sediments and hard shell clams. Report to Narragansett Bay Project, Providence, RI. **NBP 92-111**. Graduate School of Oceanography, University of Rhode Island, Narragansett, RI.

Raccanelli, S., B. Pavoni, A. Marcomini and A. A. Orio. 1989. Polychlorinated biphenyl pollution caused by resuspension of surface sediments in the lagoon of Venice. *Sci. Tot. Environ.* **79** 111-123.

Rogerson, P. R., S. C. Schimmel and G. Hoffman. 1985. Chemical and biological characterization of Black Rock Harbor dredge material. Final Report. **Tech. Rep. D-85-9**. USEPA.

Sanford, L. P. 1994. Wind-forced resuspension of upper Chesapeake Bay muds. *Estuaries*. **17** (1B): 149-165.

Schults, D. W., S. P. Ferraro, G. R. Ditsworth and K. A. Sercu. 1987. Selected chemical contaminants in surface sediments of Commencement Bay and the Tacoma Waterways, Washington, USA. *Mar. Envir. Res.* **22** 271-295.

Tsai, C. H. and W. Lick. 1986. A portable device for measuring sediment resuspension. *J. Great Lakes Res.* **12** (4): 314 - 321.

Voice, T. C., C. P. Rice and W. J. Weber. 1983. Effect of solids concentration on the sorptive partitioning of hydrophobic pollutants in aquatic systems. *Environ. Sci. Technol.* **17** 513-518.

Wainright, S. C. 1987. Stimulation of heterotrophic microplankton production by resuspended marine sediments. *Science*. **238** 1710-1712.

Wainright, S. C. 1990. Sediment-to-water fluxes of particulate material and microbes by resuspension and their contribution to the planktonic food web. *Mar. Ecol. Prog. Ser.* **62** 271-281.

APPENDIX 1. BLACK ROCK HARBOR PES 1 DATA (BRH PES 1)

BRH PES 1	Dyne/cm^2	Time, min	Filter#	Amt filtered, g	Vol filtered, ml	TSS, mg/L	CB008, mg/g
2/27/92-0,0	0	0	3	0.0019	50.0	38.0	111.56
3/10/92-0,0	0	0	22	0.0027	100.0	27.0	0.00
Average	0			0.002	75.000	32.500	55.778
St. Dev.				0.001	35.355	7.778	78.882
R.S.D.%				25	47	24	141
Min				0.002	50.000	27.000	0.000
Max				0.003	100.000	38.000	111.555
n				2	2	2	2
3/2/92-2,1-A	2	25	6	0.0216	60.0	360.0	13.22
3/2/92-2,1-B	2	25	7	0.0182	40.0	455.0	40.86
Average	2			0.020	50.000	407.500	27.039
St. Dev.				0.002	14.142	67.175	19.545
R.S.D.%				12	28	16	72
Min				0.018	40.000	360.000	13.218
Max				0.022	60.000	455.000	40.860
n				2	2	2	2
3/2/92-2,2-A	2	50	8	0.0191	50.0	382.0	1.36
3/2/92-2,2-B	2	50	9	0.0179	50.0	358.0	4.45
Average	2			0.019	50.000	370.000	2.905
St. Dev.				0.001	0.000	16.971	2.183
R.S.D.%				5	0	5	75
Min				0.018	50.000	358.000	1.361
Max				0.019	50.000	382.000	4.448
n				2	2	2	2
3/4/92-2,1-A	2	25	19	0.0275	50.0	550.0	22.92
3/4/92-2,1-B	2	25	18	0.0287	50.0	574.0	5.28
Average	2			0.028	50.000	562.000	14.099
St. Dev.				0.001	0.000	16.971	12.471
R.S.D.%				3	0	3	88
Min				0.028	50.000	550.000	5.281
Max				0.029	50.000	574.000	22.918
n				2	2	2	2
Average	2			0.022	50.000	446.500	14.681
St. Dev.				0.005	6.325	96.453	15.005
R.S.D.%				22	13	22	102
Min				0.018	40.000	358.000	1.361
Max				0.029	60.000	574.000	40.860
n				6	6	6	6
3/10/92-3,1-A	3	25	23	0.0300	50.0	600.0	0.00
3/10/92-3,1-B	3	25	24	0.0281	50.0	562.0	0.36
Average	3			0.029	50.000	581.000	0.181
St. Dev.				0.001	0.000	26.870	0.256
R.S.D.%				5	0	5	141
Min				0.028	50.000	562.000	0.000
Max				0.030	50.000	600.000	0.363
n				2	2	2	2
3/10/92-3,2-A	3	50	25	0.0304	50.0	608.0	0.00
3/10/92-3,2-B	3	50	26	0.0278	50.0	556.0	0.00
Average	3			0.029	50.000	582.000	0.000
St. Dev.				0.002	0.000	36.770	0.000
R.S.D.%				6	0	6	#DIV/0!
Min				0.028	50.000	556.000	0.000
Max				0.030	50.000	608.000	0.000
n				2	2	2	2
Average	3			0.0291	50.0000	581.5000	0.0907
St. Dev.				0.0013	0.0000	26.2996	0.1813
R.S.D.%				5	0	5	200
Min				0.0278	50.0000	556.0000	0.0000
Max				0.0304	50.0000	608.0000	0.3627
n				4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB018, ng/g	CB029, ng/g	CB050, ng/g	CB028, ng/g	CB052, ng/g	CB104, ng/g
2/27/92-0,0	0	0.00	0.00	84.76	0.00	0.00	0.00
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	0.000	0.000	42.382	0.000	0.000	0.000
St. Dev.		0.000	0.000	59.938	0.000	0.000	0.000
R.S.D.%		#DIV/0!	#DIV/0!	141	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	84.765	0.000	0.000	0.000
n		2	2	2	2	2	2
3/2/92-2,1-A	2	16.02	0.00	51.03	42.47	24.93	0.00
3/2/92-2,1-B	2	64.42	0.00	21.73	118.50	15.83	0.00
Average	2	40.220	0.000	36.378	80.489	20.382	0.000
St. Dev.		34.222	0.000	20.720	53.761	6.433	0.000
R.S.D.%		85	#DIV/0!	57	67	32	#DIV/0!
Min		16.022	0.000	21.727	42.474	15.833	0.000
Max		64.418	0.000	51.029	118.504	24.931	0.000
n		2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.00	85.11	55.95	21.39	0.00
3/2/92-2,2-B	2	0.00	0.00	52.58	41.91	17.44	0.00
Average	2	0.000	0.000	68.844	48.930	19.412	0.000
St. Dev.		0.000	0.000	22.998	9.923	2.793	0.000
R.S.D.%		#DIV/0!	#DIV/0!	33	20	14	#DIV/0!
Min		0.000	0.000	52.582	41.913	17.438	0.000
Max		0.000	0.000	85.106	55.947	21.387	0.000
n		2	2	2	2	2	2
3/4/92-2,1-A	2	13.99	0.00	36.50	39.27	69.89	0.00
3/4/92-2,1-B	2	1.10	0.00	66.25	46.85	16.59	1.78
Average	2	7.546	0.000	51.374	43.057	43.239	0.892
St. Dev.		9.119	0.000	21.042	5.361	37.688	1.261
R.S.D.%		121	#DIV/0!	41	12	87	141
Min		1.098	0.000	36.495	39.266	16.590	0.000
Max		13.994	0.000	66.253	46.847	69.888	1.783
n		2	2	2	2	2	2
Average	2	15.922	0.000	52.199	57.492	27.678	0.297
St. Dev.		24.829	0.000	22.168	30.458	20.962	0.728
R.S.D.%		156	#DIV/0!	42	53	76	245
Min		0.000	0.000	21.727	39.266	15.833	0.000
Max		64.418	0.000	85.106	118.504	69.888	1.783
n		6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	0.00	56.44	51.37	30.87	0.00
3/10/92-3,1-B	3	0.01	0.00	48.54	44.11	24.97	0.00
Average	3	0.007	0.000	52.488	47.738	27.922	0.000
St. Dev.		0.010	0.000	5.589	5.135	4.175	0.000
R.S.D.%		141	#DIV/0!	11	11	15	#DIV/0!
Min		0.000	0.000	48.536	44.10.	24.970	0.000
Max		0.014	0.000	56.440	51.369	30.874	0.000
n		2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.00	68.92	43.75	27.08	0.00
3/10/92-3,2-B	3	0.00	0.00	59.19	38.62	19.79	0.00
Average	3	0.000	0.000	64.055	44.184	23.439	0.000
St. Dev.		0.000	0.000	6.884	7.872	5.155	0.000
R.S.D.%		#DIV/0!	#DIV/0!	7	18	22	#DIV/0!
Min		0.000	0.000	59.188	38.617	19.794	0.000
Max		0.000	0.000	68.923	49.750	27.084	0.000
n		2	2	2	2	2	2
Average	3	0.0034	0.0000	58.2716	45.9608	25.6806	0.0000
St. Dev.		0.0068	0.0000	8.4149	5.8016	4.6224	0.0000
R.S.D.%		200	#DIV/0!	14	13	18	#DIV/0!
Min		0.0000	0.0000	48.5357	38.6173	19.7943	0.0000
Max		0.0136	0.0000	68.9231	51.3691	30.8744	0.0000
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB044, ng/g	CB066, ng/g	CB101, ng/g	CB087, ng/g	CB077, ng/g	CB154, ng/g
2/27/92-0,0	0	0.00	294.46	174.75	67.99	373.02	0.00
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	39.09
Average	0	0.000	147.230	87.377	33.994	186.511	19.545
St. Dev.		0.000	208.215	123.570	48.075	263.766	27.641
R.S.D.%		#DIV/0!	141	141	141	141	141
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		0.000	294.461	174.754	67.988	373.022	39.090
n		2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	33.20	74.62	21.98	123.22	65.66
3/2/92-2,1-B	2	14.23	67.00	167.78	42.54	212.83	110.54
Average	2	7.113	50.103	121.199	32.258	168.024	88.096
St. Dev.		10.059	23.899	65.874	14.534	63.367	31.736
R.S.D.%		141	48	54	45	38	36
Min		0.000	33.204	74.619	21.980	123.216	65.655
Max		14.226	67.002	167.778	42.535	212.831	110.537
n		2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	25.02	85.38	14.25	96.55	55.35
3/2/92-2,2-B	2	0.00	41.99	95.78	12.78	99.42	55.12
Average	2	0.000	33.503	90.581	13.515	97.987	55.235
St. Dev.		0.000	11.997	7.351	1.036	2.033	0.163
R.S.D.%		#DIV/0!	36	8	8	2	0
Min		0.000	25.020	85.383	12.783	96.550	55.120
Max		0.000	41.987	95.779	14.248	99.424	55.351
n		2	2	2	2	2	2
3/4/92-2,1-A	2	37.29	60.41	142.73	69.07	195.74	0.00
3/4/92-2,1-B	2	0.00	35.69	78.62	18.80	83.44	44.38
Average	2	18.647	48.050	110.671	43.934	139.590	22.189
St. Dev.		26.371	17.484	45.332	35.541	79.414	31.380
R.S.D.%		141	36	41	81	57	141
Min		0.000	35.687	78.616	18.803	83.436	0.000
Max		37.294	60.413	142.726	69.065	195.745	44.377
n		2	2	2	2	2	2
Average	2	8.587	43.886	107.483	29.902	135.200	55.173
St. Dev.		15.171	16.422	38.513	21.988	55.298	35.597
R.S.D.%		177	37	36	74	41	65
Min		0.000	25.020	74.619	12.783	83.436	0.000
Max		37.294	67.002	167.778	69.065	212.831	110.537
n		6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	48.24	112.59	24.65	115.86	60.56
3/10/92-3,1-B	3	0.00	32.94	87.62	22.59	96.10	50.60
Average	3	0.000	40.588	100.109	23.620	105.982	55.580
St. Dev.		0.000	10.821	17.655	1.455	13.972	7.047
R.S.D.%		#DIV/0!	27	18	6	13	13
Min		0.000	32.937	87.625	22.591	96.103	50.597
Max		0.000	48.240	112.593	24.649	115.862	60.563
n		2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	46.02	102.13	27.64	110.97	57.49
3/10/92-3,2-B	3	0.00	35.98	82.46	20.84	85.16	45.88
Average	3	0.000	41.001	92.298	24.244	98.068	51.686
St. Dev.		0.000	7.097	13.909	4.808	18.250	8.205
R.S.D.%		#DIV/0!	17	15	20	19	16
Min		0.000	35.982	82.463	20.844	85.163	45.884
Max		0.000	46.020	102.133	27.643	110.973	57.488
n		2	2	2	2	2	2
Average	3	0.0000	40.7946	96.2033	23.9319	102.0252	53.6330
St. Dev.		0.0000	7.4750	13.7378	2.9226	14.0347	6.6369
R.S.D.%		#DIV/0!	18	14	12	14	12
Min		0.0000	32.9370	82.4625	20.8436	85.1632	45.8843
Max		0.0000	48.2395	112.5927	27.6435	115.8620	60.5630
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB118, ng/g	CB188, ng/g	CB153, ng/g	CB105, ng/g	CB138, ng/g	CB126, ng/g
2/27/92-0,0	0	427.40	73.17	160.19	128.68	0.00	50.87
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	213.698	36.584	80.096	64.341	0.000	25.433
St. Dev.		302.215	51.738	113.272	90.991	0.000	35.967
R.S.D.%		141	141	141	141	#DIV/0!	141
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		427.396	73.169	160.191	128.681	0.000	50.865
n		2	2	2	2	2	2
3/2/92-2,1-A	2	118.26	0.00	44.42	54.88	72.56	12.05
3/2/92-2,1-B	2	217.31	0.00	104.50	92.41	160.55	11.84
Average	2	167.788	0.000	74.464	73.647	116.554	11.947
St. Dev.		70.041	0.000	42.483	26.537	62.221	0.147
R.S.D.%		42	#DIV/0!	57	36	53	1
Min		118.261	0.000	44.424	54.883	72.557	11.843
Max		217.314	0.000	104.504	92.411	160.550	12.052
n		2	2	2	2	2	2
3/2/92-2,2-A	2	120.16	0.00	42.40	32.67	61.64	6.20
3/2/92-2,2-B	2	137.84	18.08	56.82	38.42	77.48	11.29
Average	2	129.000	9.041	49.606	35.543	69.561	8.741
St. Dev.		12.499	12.786	10.196	4.066	11.201	3.601
R.S.D.%		10	141	21	11	16	41
Min		120.162	0.000	42.397	32.668	61.641	6.195
Max		137.839	18.082	56.816	38.418	77.481	11.288
n		2	2	2	2	2	2
3/4/92-2,1-A	2	75.83	23.06	101.76	107.68	163.07	16.27
3/4/92-2,1-B	2	121.18	14.75	57.88	31.72	72.26	6.50
Average	2	98.504	18.908	79.818	69.803	117.666	11.383
St. Dev.		32.072	5.873	31.032	53.852	64.213	6.911
R.S.D.%		33	31	39	77	55	61
Min		75.826	14.752	57.875	31.723	72.261	6.496
Max		121.183	23.058	101.761	107.882	163.071	16.269
n		2	2	2	2	2	2
Average	2	131.764	9.315	67.963	59.664	101.260	10.691
St. Dev.		46.720	10.541	27.969	32.806	47.193	3.807
R.S.D.%		35	113	41	55	47	36
Min		75.826	0.000	42.397	31.723	61.641	6.195
Max		217.314	23.058	104.504	107.882	163.071	16.269
n		6	6	6	6	6	6
3/10/92-3,1-A	3	162.91	20.09	82.11	53.20	98.42	7.03
3/10/92-3,1-B	3	131.53	16.26	62.85	38.59	73.45	6.18
Average	3	147.219	18.175	72.479	45.898	85.939	6.606
St. Dev.		22.191	2.710	13.622	10.332	17.657	0.598
R.S.D.%		15	15	19	23	21	9
Min		131.528	16.259	62.847	38.592	73.453	6.183
Max		162.910	20.092	82.111	53.203	98.425	7.028
n		2	2	2	2	2	2
3/10/92-3,2-A	3	144.98	18.92	70.02	45.52	93.37	10.58
3/10/92-3,2-B	3	127.89	17.82	62.99	28.91	74.06	5.12
Average	3	136.435	18.367	66.503	37.213	83.711	7.902
St. Dev.		12.080	0.781	4.968	11.748	13.655	3.931
R.S.D.%		9	4	7	32	16	50
Min		127.894	17.815	62.990	28.906	74.055	5.122
Max		144.977	18.920	70.016	45.520	93.366	10.681
n		3	2	2	2	2	2
Average	3	141.8270	18.2714	69.4912	41.5554	84.8249	7.2536
St. Dev.		15.8602	1.6321	9.0546	10.3306	12.9514	2.4146
R.S.D.%		11	9	13	25	15	33
Min		127.8935	16.2591	62.8472	28.9064	73.4533	5.1218
Max		162.9100	20.0915	82.1115	53.2031	98.4246	10.6813
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB187, ng/g	CB128, ng/g	CB200, ng/g	CB180, ng/g	CB170, ng/g	CB195, ng/g
2/27/92-0,0	0	31.48	2.85	0.00	85.48	0.00	93.64
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	15.741	1.423	0.000	42.738	0.000	46.820
St. Dev.		22.261	2.012	0.000	60.441	0.000	66.213
R.S.D.%		141	141	#DIV/0!	141	#DIV/0!	141
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		31.482	2.846	0.000	85.477	0.000	93.639
n		2	2	2	2	2	2
3/2/92-2,1-A	2	8.49	17.98	0.00	24.75	0.00	0.00
3/2/92-2,1-B	2	16.85	27.28	0.00	42.58	12.00	0.00
Average	2	12.668	22.628	0.000	33.667	6.000	0.000
St. Dev.		5.914	6.574	0.000	12.605	8.485	0.000
R.S.D.%		47	29	#DIV/0!	37	141	#DIV/0!
Min		8.486	17.979	0.000	24.754	0.000	0.000
Max		16.849	27.276	0.000	42.581	12.000	0.000
n		2	2	2	2	2	2
3/2/92-2,2-A	2	0.39	8.56	0.00	21.94	0.00	0.00
3/2/92-2,2-B	2	8.29	10.31	0.00	26.40	0.00	0.00
Average	2	4.338	9.435	0.000	24.169	0.000	0.000
St. Dev.		5.585	1.239	0.000	3.159	0.000	0.000
R.S.D.%		129	13	#DIV/0!	13	#DIV/0!	#DIV/0!
Min		0.383	8.559	0.000	21.935	0.000	0.000
Max		8.287	10.311	0.000	26.402	0.000	0.000
n		2	2	2	2	2	2
3/4/92-2,1-A	2	21.42	28.22	13.05	43.78	54.25	2.58
3/4/92-2,1-B	2	10.34	8.70	0.00	23.81	0.00	0.00
Average	2	15.880	18.457	6.527	33.795	27.124	1.289
St. Dev.		7.834	13.801	9.231	14.121	38.359	1.823
R.S.D.%		49	75	141	42	141	141
Min		10.340	8.699	0.000	23.810	0.000	0.000
Max		21.419	28.216	13.054	43.780	54.248	2.578
n		2	2	2	2	2	2
Average	2	10.962	16.849	2.176	30.544	11.041	0.430
St. Dev.		7.341	9.134	5.329	9.902	21.704	1.052
R.S.D.%		67	54	245	32	197	245
Min		0.388	8.559	0.000	21.935	0.000	0.000
Max		21.419	28.216	13.054	43.780	54.248	2.578
n		6	6	6	6	6	6
3/10/92-3,1-A	3	14.87	14.15	0.00	33.30	4.96	0.81
3/10/92-3,1-B	3	9.06	10.97	0.00	25.84	0.00	0.00
Average	3	11.962	12.560	0.000	29.565	2.480	0.404
St. Dev.		4.106	2.253	0.000	5.276	3.508	0.572
R.S.D.%		34	18	#DIV/0!	18	141	141
Min		9.858	10.966	0.000	25.836	0.000	0.000
Max		14.866	14.153	0.000	33.296	4.961	0.809
n		2	2	2	2	2	2
3/10/92-3,2-A	3	15.74	15.23	0.00	26.69	1.57	0.00
3/10/92-3,2-B	3	17.42	14.90	0.00	27.53	3.07	8.93
Average	3	16.579	15.062	0.000	27.108	2.322	4.463
St. Dev.		1.189	0.233	0.000	0.596	1.062	6.312
R.S.D.%		7	2	#DIV/0!	2	46	141
Min		15.738	14.898	0.000	26.687	1.571	0.000
Max		17.420	15.227	0.000	27.529	3.073	8.926
n		2	2	2	2	2	2
Average	3	14.2703	13.8110	0.0000	28.3366	2.4012	2.4337
St. Dev.		3.6328	1.9490	0.0000	3.3777	2.1179	4.3449
R.S.D.%		25	14	#DIV/0!	12	88	179
Min		9.0582	10.9663	0.0000	25.8350	0.0000	0.0000
Max		17.4197	15.2271	0.0000	33.2958	4.9605	8.9259
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB206, ng/g	CB209, ng/g	CB sum, ng/g
2/27/92-0,0	0	91.71	57.68	2309.68
3/10/92-0,0	0	0.00	0.00	39.09
Average	**0**	**45.854**	**28.840**	**1174.384**
St. Dev.		**64.847**	**40.786**	**1605.548**
R.S.D.%		**141**	**141**	**137**
Min		**0.000**	**0.000**	**39.090**
Max		**91.708**	**57.680**	**2309.678**
n		**2**	**2**	**2**
3/2/92-2,1-A	2	0.00	8.32	828.06
3/2/92-2,1-B	2	16.34	83.62	1661.54
Average	**2**	**8.170**	**45.969**	**1244.801**
St. Dev.		**11.554**	**53.248**	**589.360**
R.S.D.%		**141**	**116**	**47**
Min		**0.000**	**8.317**	**828.061**
Max		**16.340**	**83.621**	**1661.541**
n		**2**	**2**	**2**
3/2/92-2,2-A	2	0.00	0.67	734.96
3/2/92-2,2-B	2	0.00	5.40	811.80
Average	**2**	**0.000**	**3.033**	**773.381**
St. Dev.		**0.000**	**3.348**	**54.328**
R.S.D.%		**#DIV/0!**	**110**	**7**
Min		**0.000**	**0.665**	**734.965**
Max		**0.000**	**5.400**	**811.797**
n		**2**	**2**	**2**
3/4/92-2,1-A	2	6.76	13.56	1359.29
3/4/92-2,1-B	2	0.00	6.64	752.55
Average	**2**	**3.379**	**10.100**	**1(3.918**
St. Dev.		**4.779**	**4.896**	**429.030**
R.S.D.%		**141**	**48**	**41**
Min		**0.000**	**6.638**	**752.548**
Max		**6.758**	**13.562**	**1359.288**
n		**2**	**2**	**2**
Average	**2**	**3.850**	**19.701**	**1024.700**
St. Dev.		**6.689**	**31.593**	**389.750**
R.S.D.%		**174**	**160**	**38**
Min		**0.000**	**0.665**	**734.965**
Max		**16.340**	**83.621**	**1661.541**
n		**6**	**6**	**6**
3/10/92-3,1-A	3	0.00	4.83	997.28
3/10/92-3,1-B	3	0.00	5.73	788.29
Average	**3**	**0.000**	**5.279**	**892.782**
St. Dev.		**0.000**	**0.632**	**147.776**
R.S.D.%		**#DIV/0!**	**12**	**17**
Min		**0.000**	**4.833**	**788.289**
Max		**0.000**	**5.726**	**997.276**
n		**2**	**2**	**2**
3/10/92-3,2-A	3	0.00	2.23	934.95
3/10/92-3,2-B	3	0.00	0.05	776.61
Average	**3**	**0.000**	**1.141**	**855.781**
St. Dev.		**0.000**	**1.542**	**111.960**
R.S.D.%		**#DIV/0!**	**135**	**13**
Min		**0.000**	**0.051**	**776.613**
Max		**0.000**	**2.231**	**934.948**
n		**2**	**2**	**2**
Average	**3**	**0.0000**	**3.2101**	**874.2815**
St. Dev.		**0.0000**	**2.5758**	**109.1514**
R.S.D.%		**#DIV/0!**	**80**	**12**
Min		**0.0000**	**0.0506**	**776.6127**
Max		**0.0000**	**5.7260**	**997.2762**
n		**4**	**4**	**4**

ND = Not Determined

BRH PES 1	Dynes/cm^2	HCB, ng/g	HEPT, ng/g	ALDRIN, ng/g	OP'DDE, ng/g	DIELDRIN, ng/g	PP'DDE, ng/g
2/27/92-0,0	0	NA	NA	NA	NA	NA	NA
3/10/92-0,0	0	11.68	0.00	0.00	0.00	0.00	19.89
Average	0	11.680	0.000	0.000	0.000	0.000	19.890
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		11.680	0.000	0.000	0.000	0.000	19.890
Max		11.680	0.000	0.000	0.000	0.000	19.890
n		1	1	1	1	1	1
3/2/92-2,1-A	2	11.68	6.25	0.00	0.00	NA	63.46
3/2/92-2,1-B	2	10.64	9.09	0.00	65.03	NA	87.26
Average	2	11.156	7.669	0.000	32.513	#DIV/0!	75.360
St. Dev.		0.737	2.005	0.000	45.981	#DIV/0!	16.835
R.S.D. %		7	26	#DIV/0!	141	#DIV/0!	22
Min		10.635	6.251	0.000	0.000	0.000	63.456
Max		11.677	9.088	0.000	65.027	0.000	87.264
n		2	2	2	2	0	2
3/2/92-2,2-A	2	39.02	0.00	0.00	0.00	16.83	40.81
3/2/92-2,2-B	2	5.08	0.00	0.00	18.93	NA	38.05
Average	2	22.048	0.000	0.000	9.467	16.829	39.428
St. Dev.		24.001	0.000	0.000	13.388	#DIV/0!	1.951
R.S.D. %		109	#DIV/0!	#DIV/0!	141	#DIV/0!	5
Min		5.076	0.000	0.000	0.000	16.829	38.049
Max		39.019	0.000	0.000	18.934	16.829	40.808
n		2	2	2	2	1	2
3/4/92-2,1-A	2	NA	NA	NA	NA	NA	NA
3/4/92-2,1-B	2	6.18	0.00	0.00	0.00	NA	0.00
Average	2	6.185	0.000	0.000	0.000	#DIV/0!	0.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		6.185	0.000	0.000	0.000	0.000	0.000
Max		6.185	0.000	0.000	0.000	0.000	0.000
n		1	1	1	1	0	1
Average	2	14.519	3.068	0.000	16.792	16.829	45.915
St. Dev.		13.983	4.319	0.000	28.153	#DIV/0!	32.456
R.S.D. %		96	141	#DIV/0!	168	#DIV/0!	71
Min		5.076	0.000	0.000	0.000	16.829	0.000
Max		39.019	9.088	0.000	65.027	16.829	87.264
n		5	5	5	5	1	5
3/10/92-3,1-A	3	2.58	0.00	0.00	20.60	NA	45.31
3/10/92-3,1-B	3	4.53	0.00	0.00	16.08	NA	39.27
Average	3	3.553	0.000	0.000	18.340	#DIV/0!	42.288
St. Dev.		1.375	0.000	0.000	3.194	#DIV/0!	4.273
R.S.D. %		39	#DIV/0!	#DIV/0!	17	#DIV/0!	10
Min		2.581	0.000	0.000	16.081	0.000	39.266
Max		4.526	0.000	0.000	20.598	0.000	45.309
n		2	2	2	2	0	2
3/10/92-3,2-A	3	3.93	0.00	0.00	15.15	NA	42.62
3/10/92-3,2-B	3	4.49	0.00	0.00	12.92	NA	10.23
Average	3	4.211	0.000	0.000	14.037	#DIV/0!	26.427
St. Dev.		0.392	0.000	0.000	1.575	#DIV/0!	22.899
R.S.D. %		9	#DIV/0!	#DIV/0!	11	#DIV/0!	87
Min		3.933	0.000	0.000	12.923	0.000	10.236
Max		4.488	0.000	0.000	15.151	0.000	42.619
n		2	2	2	2	0	2
Average	3	3.8829	0.0000	0.0000	16.1883	#DIV/0!	34.3573
St. Dev.		0.9087	0.0000	0.0000	3.2247	#DIV/0!	16.2705
R.S.D. %		23	#DIV/0!	#DIV/0!	20	#DIV/0!	47
Min		2.5808	0.0000	0.0000	12.9234	0.0000	10.2350
Max		4.5259	0.0000	0.0000	20.5982	0.0000	45.3092
n		4	4	4	4	0	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	OP'DDD, ng/g	PP'DDD, ng/g	OP'DDT, ng/g	MIREX, ng/g
2/27/92-0,0	0	NA	NA	NA	NA
3/10/92-0,0	0	0.00	0.00	0.00	0.00
Average	0	0.000	0.000	0.000	0.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000
Max		0.000	0.000	0.000	0.000
n		1	1	1	1
3/2/92-2,1-A	2	43.38	118.49	23.41	1.37
3/2/92-2,1-B	2	73.04	0.00	0.00	0.00
Average	2	58.206	59.246	11.704	0.683
St. Dev.		20.973	83.787	16.553	0.966
R.S.D.%		36	141	141	141
Min		43.376	0.000	0.000	0.000
Max		73.037	118.493	23.409	1.366
n		2	2	2	2
3/2/92-2,2-A	2	89.98	0.00	0.00	0.00
3/2/92-2,2-B	2	36.42	13.00	0.00	9.09
Average	2	63.201	6.500	0.000	4.544
St. Dev.		37.873	9.192	0.000	6.426
R.S.D.%		60	141	#DIV/0!	141
Min		36.421	0.000	0.000	0.000
Max		89.982	12.999	0.000	9.088
n		2	2	2	2
3/4/92-2,1-A	2	NA	NA	NA	NA
3/4/92-2,1-B	2	29.37	11.87	7.68	1.06
Average	2	29.373	11.873	7.680	1.065
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		29.373	11.873	7.680	1.065
Max		29.373	11.873	7.680	1.065
n		1	1	1	1
Average	2	54.438	28.673	6.218	2.304
St. Dev.		25.906	50.596	10.169	3.843
R.S.D.%		48	176	164	167
Min		29.373	0.000	0.000	0.000
Max		89.982	118.493	23.409	9.088
n		5	5	5	5
3/10/92-3,1-A	3	40.02	0.00	0.00	0.00
3/10/92-3,1-B	3	33.49	11.14	0.00	0.00
Average	3	36.752	5.572	0.000	0.000
St. Dev.		4.618	7.880	0.000	0.000
R.S.D.%		13	141	#DIV/0!	#DIV/0!
Min		33.487	0.000	0.000	0.000
Max		40.018	11.145	0.000	0.000
n		2	2	2	2
3/10/92-3,2-A	3	38.05	5.00	10.73	11.01
3/10/92-3,2-B	3	30.35	9.06	8.44	32.16
Average	3	34.200	7.031	9.584	21.583
St. Dev.		5.438	2.865	1.628	14.956
R.S.D.%		16	41	17	69
Min		30.354	5.005	8.439	11.007
Max		38.045	9.057	10.730	32.158
n		2	2	2	2
Average	3	35.4762	6.3016	4.7922	10.7913
St. Dev.		4.3746	4.9139	5.6121	15.1602
R.S.D.%		12	78	117	140
Min		30.3545	0.0000	0.0000	0.0000
Max		40.0176	11.1445	10.7303	32.1583
n		4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	NAP, ng/g	2MN, ng/g	1MN, ng/g	BIP, ng/g	DMN, ng/g	ACL, ng/g	ACT, ng/g
2/27/92-0,0	0	0.0	0.0	0.0	10982.5	1338.1	0.0	0.0
3/10/92-0,0	0	15641.0	4600.1	4861.6	0.0	8669.4	0.0	0.0
Average	0	7820.522	2300.048	2430.807	5491.231	5003.740	0.000	0.000
St. Dev.		11059.889	3252.759	3437.681	7765.774	5184.037	0.000	0.000
R.S.D.%		141	141	141	141	104	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	1338.073	0.000	0.000
Max		15641.045	4600.096	4861.614	10982.463	8669.408	0.000	0.000
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	75.0	295.5	0.0	220.4	478.6	0.0	0.0
3/2/92-2,1-B	2	1898.3	719.9	349.5	0.0	1230.7	149.8	0.0
Average	2	986.647	507.699	174.769	110.183	854.681	74.917	0.000
St. Dev.		1289.244	300.161	247.160	155.823	531.790	105.948	0.000
R.S.D.%		131	59	141	141	62	141	#DIV/0!
Min		75.014	295.453	0.000	0.000	478.649	0.000	0.000
Max		1898.281	719.945	349.537	220.366	1230.714	149.833	0.000
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	752.5	0.0	0.0	118.4	319.2	0.0	0.0
3/2/92-2,2-B	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average	2	376.245	0.000	0.000	59.209	159.624	0.000	0.000
St. Dev.		532.091	0.000	0.000	83.735	225.743	0.000	0.000
R.S.D.%		141	#DIV/0!	#DIV/0!	141	141	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		752.490	0.000	0.000	118.419	319.249	0.000	0.000
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	594.2	2180.0	660.4	3478.2	3669.1	2898.2	1312.7
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	594.182	2180.000	660.364	3478.182	3669.091	2898.182	1312.727
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		594.182	2180.000	660.364	3478.182	3669.091	2898.182	1312.727
Max		594.182	2180.000	660.364	3478.182	3669.091	2898.182	1312.727
n		1	1	1	1	1	1	1
Average	2	663.993	639.000	201.500	763.393	1139.540	609.603	262.543
St. Dev.		762.226	910.481	297.606	1528.402	1484.516	1280.998	587.069
R.S.D.%		115	142	147	199	130	210	224
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		1898.281	2180.000	660.364	3478.182	3669.091	2898.182	1312.727
n		5	5	5	5	5	5	5
3/10/92-3,1-A	3	905.4	150.5	0.0	199.7	240.4	0.0	0.0
3/10/92-3,1-B	3	1273.1	0.0	0.0	0.0	0.0	0.0	0.0
Average	3	1089.264	75.235	0.000	99.870	120.220	0.000	0.000
St. Dev.		259.965	106.396	0.000	141.238	170.017	0.000	0.000
R.S.D.%		24	141	#DIV/0!	141	141	#DIV/0!	#DIV/0!
Min		905.448	0.000	0.000	0.000	0.000	0.000	0.000
Max		1273.087	150.470	0.000	199.740	240.440	0.000	0.000
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	2111.3	0.0	0.0	15.6	142.1	0.0	0.0
3/10/92-3,2-B	3	6415.0	0.0	0.0	0.0	76.4	0.0	0.0
Average	3	4263.150	0.000	0.000	7.799	109.282	0.000	0.000
St. Dev.		3043.175	0.000	0.000	11.015	46.460	0.000	0.000
R.S.D.%		71	#DIV/0!	#DIV/0!	141	43	#DIV/0!	#DIV/0!
Min		2111.301	0.000	0.000	0.000	76.438	0.000	0.000
Max		6415.000	0.000	0.000	15.577	142.134	0.000	0.000
n		2	2	2	2	2	2	2
Average	3	2676.2070	37.6175	0.0000	53.8293	114.7511	0.0000	0.0000
St. Dev.		2543.0987	75.2350	0.0000	97.5306	101.9540	0.0000	0.0000
R.S.D.%		95	200	#DIV/0!	181	89	#DIV/0!	#DIV/0!
Min		905.4400	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Max		6415.0000	150.4700	0.0000	199.7400	240.4400	0.0000	0.0000
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	TMN, ng/g	FLU, ng/g	PHE, ng/g	ANT, ng/g	IMP, ng/g	FLA, ng/g	PYR, ng/g
2/27/92-0,0	0	4457.4	558.1	2877.1	0.0	318.5	700.3	0.0
3/10/92-0,0	0	5180.7	0.0	0.0	0.0	0.0	850.3	25.3
Average	0	4819.062	279.062	1438.570	0.000	159.269	775.317	12.649
St. Dev.		511.437	394.654	2034.445	0.000	225.241	106.061	17.888
R.S.D.%		11	141	141	#DIV/0!	141	14	141
Min		4457.421	0.000	0.000	0.000	0.000	700.321	0.000
Max		5180.703	558.125	2877.140	0.000	318.538	850.313	25.297
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.0	944.7	1568.3	150.1	419.6	2959.9	2642.1
3/2/92-2,1-B	2	3566.5	101.2	2422.5	750.3	304.9	4563.9	4554.5
Average	2	1783.255	522.956	1995.391	450.237	362.210	3761.908	3598.278
St. Dev.		2521.903	596.397	604.032	424.392	81.105	1134.233	1352.276
R.S.D.%		141	114	30	94	22	30	38
Min		0.000	101.239	1568.276	150.147	304.860	2959.884	2642.074
Max		3566.510	944.672	2422.506	750.327	419.560	4563.931	4554.481
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.0	425.1	2624.3	497.7	691.4	4334.8	4034.3
3/2/92-2,2-B	2	0.0	0.0	1129.0	0.0	0.0	2984.4	3158.1
Average	2	0.000	212.561	1876.634	248.828	345.706	3659.565	3596.175
St. Dev.		0.000	300.667	1057.354	351.896	488.903	954.894	619.555
R.S.D.%		#DIV/0!	141	56	141	141	26	17
Min		0.000	0.000	1128.972	0.000	0.000	2984.354	3158.084
Max		0.000	425.122	2624.297	497.657	691.413	4334.777	4034.267
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	4192.7	130.9	976.0	194.5	245.5	932.7	983.6
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	4192.727	130.909	976.000	194.545	245.455	932.727	983.636
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		4192.727	130.909	976.000	194.545	245.455	932.727	983.636
Max		4192.727	130.909	976.000	194.545	245.455	932.727	983.636
n		1	1	1	1	1	1	1
Average	2	1551.847	328.369	1744.010	318.535	332.256	3155.135	3074.509
St. Dev.		2136.457	383.170	747.371	301.547	252.633	1447.640	1385.387
R.S.D.%		138	128	43	95	76	46	45
Min		0.000	0.000	976.000	0.000	0.000	932.727	983.636
Max		4192.727	944.672	2624.297	750.327	691.413	4563.931	4554.481
n		5	5	5	5	5	5	5
3/10/92-3,1-A	3	0.0	20.6	604.1	222.1	356.3	2321.3	2347.4
3/10/92-3,1-B	3	0.0	27.3	1031.9	285.9	434.5	3175.1	3296.7
Average	3	0.000	23.978	817.984	253.990	395.353	2748.203	2822.075
St. Dev.		0.000	4.737	302.463	45.099	55.300	603.789	671.278
R.S.D.%		#DIV/0!	20	37	18	14	22	24
Min		0.000	20.620	604.110	222.100	356.250	2321.260	2347.410
Max		0.000	27.328	1031.857	285.880	434.456	3175.146	3296.741
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.0	0.0	878.6	98.1	290.3	3102.1	3367.7
3/10/92-3,2-B	3	294.0	81.3	2123.2	571.9	908.1	5256.0	4905.3
Average	3	146.985	40.650	1500.933	334.973	599.227	4179.044	4136.527
St. Dev.		207.868	57.488	880.076	335.037	436.841	1523.017	1087.251
R.S.D.%		141	141	59	100	73	36	26
Min		0.000	0.000	878.625	98.046	290.334	3102.108	3367.725
Max		293.970	81.300	2123.240	571.880	908.120	5255.980	4905.330
n		2	2	2	2	2	2	2
Average	3	73.4925	32.3099	1159.4581	294.4815	497.2891	3463.6237	3479.3014
St. Dev.		146.9850	34.6675	666.4424	209.7003	288.1502	1255.8461	1058.3814
R.S.D.%		200	107	57	68	56	36	30
Min		0.0000	0.0000	604.1100	98.0664	290.3339	2321.2600	2347.4100
Max		293.9700	81.3000	2123.2400	571.8800	908.1200	5255.9800	4905.3300
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	BAA, ng/g	CHR, ng/g	BBF, ng/g	BKF, ng/g	BEP, ng/g	BAP, ng/g	PER, ng/g
2/27/92-0,0	0	114.1	0.0	178.5	43.5	1200.5	202.4	0.0
3/10/92-0,0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average	0	57.068	0.000	89.261	21.756	600.258	101.206	0.000
St. Dev.		80.706	0.000	126.234	30.768	848.893	143.126	0.000
R.S.D.%		141	#DIV/0!	141	141	141	141	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		114.136	0.000	178.522	43.512	1200.516	202.411	0.000
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	128.6	845.7	1099.4	517.7	1999.8	728.8	1097.4
3/2/92-2,1-B	2	1331.9	1565.2	2968.6	1901.6	3126.3	1101.6	917.5
Average	2	730.262	1205.464	2034.009	1209.629	2563.070	915.220	1007.464
St. Dev.		850.867	508.736	1321.776	978.547	796.567	263.583	127.225
R.S.D.%		117	42	65	81	31	29	13
Min		128.608	845.733	1099.372	517.692	1999.812	728.839	917.502
Max		1331.916	1565.194	2968.646	1901.566	3126.328	1101.601	1097.425
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	1647.4	2797.0	2408.9	2688.0	1905.2	1985.3	152.2
3/2/92-2,2-B	2	431.4	861.9	1636.1	1370.5	1676.4	1494.3	284.1
Average	2	1039.383	1829.438	2022.501	2029.210	1790.775	1739.823	218.146
St. Dev.		859.828	1368.318	546.490	931.610	161.816	347.209	93.248
R.S.D.%		83	75	27	46	9	20	43
Min		431.394	861.888	1636.074	1370.462	1676.355	1494.309	152.210
Max		1647.375	2796.982	2408.928	2687.987	1905.196	1985.336	284.082
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	538.2	923.6	1156.4	923.6	910.9	752.7	207.3
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	538.182	923.636	1156.364	923.636	910.909	752.727	207.273
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		538.182	923.636	1156.364	923.636	910.909	752.727	207.273
Max		538.182	923.636	1156.364	923.636	910.909	752.727	207.273
n		1	1	1	1	1	1	1
Average	2	815.495	1398.687	1853.877	1488.263	1923.726	1212.562	531.698
St. Dev.		643.227	837.039	814.560	849.184	796.771	532.520	441.438
R.S.D.%		79	60	44	57	41	44	83
Min		128.608	845.733	1099.372	517.692	910.909	728.839	152.210
Max		1647.375	2796.982	2968.646	2687.957	3126.328	1985.336	1097.425
n		5	5	5	5	5	5	5
3/10/92-3,1-A	3	737.4	1656.2	1362.1	1491.2	1402.9	969.7	551.8
3/10/92-3,1-B	3	823.4	2165.2	1743.3	1388.0	1776.9	1118.8	174.4
Average	3	780.424	1910.653	1552.692	1439.567	1589.901	1044.279	363.139
St. Dev.		60.831	359.921	269.552	72.950	264.473	105.457	266.863
R.S.D.%		8	19	17	5	17	10	73
Min		737.410	1656.150	1362.090	1387.983	1402.890	969.710	174.439
Max		823.437	2165.155	1743.294	1491.150	1776.912	1118.849	551.840
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	992.5	1728.9	1656.2	1994.0	2383.8	145.6	309.7
3/10/92-3,2-B	3	3122.9	3124.6	2512.7	3356.1	1789.6	438.7	719.4
Average	3	2057.699	2426.743	2084.452	2675.876	2086.684	292.129	514.547
St. Dev.		1586.464	986.947	605.605	963.142	420.183	207.212	289.707
R.S.D.%		77	41	29	36	20	71	56
Min		992.468	1728.866	1656.225	1994.031	1789.570	145.609	309.693
Max		3122.930	3124.620	2512.680	3356.120	2383.799	438.650	719.400
n		2	2	2	2	2	2	2
Average	3	1419.0614	2168.6979	1818.5723	2057.3212	1838.2926	668.2044	438.8430
St. Dev.		1140.8428	675.7605	490.6408	905.4367	405.5013	454.5282	243.6321
R.S.D.%		80	31	27	44	22	68	56
Min		737.4100	1656.1500	1362.0900	1387.9834	1402.8900	145.6087	174.4390
Max		3122.9300	3124.6200	2512.6800	3356.1200	2383.7987	1118.8489	719.4000
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	INP, ng/g	DBA, ng/g	BPE, ng/g	Σ PAHs, ng/g
2/27/92-0,0	0	0.0	0.0	0.0	22971.2
3/10/92-0,0	0	0.0	1245.7	0.0	41074.2
Average	0	0.000	622.856	0.000	32022.683
St. Dev.		0.000	880.851	0.000	12800.762
R.S.D. %		#DIV/0!	141	#DIV/0!	40
Min		0.000	0.000	0.000	22971.177
Max		0.000	1245.712	0.000	41074.188
n		2	2	2	2
3/2/92-2,1-A	2	678.9	366.3	1069.4	18286.2
3/2/92-2,1-B	2	3375.1	891.1	3460.7	41251.8
Average	2	2026.988	628.733	2265.062	29769.030
St. Dev.		1906.502	371.075	1690.885	16239.126
R.S.D. %		94	59	75	55
Min		678.887	366.744	1069.426	18286.234
Max		3375.089	891.123	3460.698	41251.826
n		2	2	2	2
3/2/92-2,2-A	2	2540.8	0.0	3253.2	33175.7
3/2/92-2,2-B	2	35.4	0.0	3052.3	18113.7
Average	2	1288.105	0.000	3152.748	25644.676
St. Dev.		1771.589	0.000	142.021	10650.409
R.S.D. %		138	#DIV/0!	5	42
Min		35.402	0.000	3052.324	18113.709
Max		2540.807	0.000	3253.172	33175.653
n		2	2	2	2
3/4/92-2,1-A	2	794.5	62.9	860.0	29578.9
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST
Average	2	794.545	62.909	860.000	29578.909
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		794.545	62.909	860.000	29578.909
Max		794.545	62.909	860.000	29578.909
n		1	1	1	1
Average	2	1484.946	264.075	2339.124	28081.264
St. Dev.		1406.684	381.964	1265.109	9961.857
R.S.D. %		95	145	54	35
Min		35.402	0.000	860.000	18113.709
Max		3375.089	891.123	3460.698	41251.826
n		5	5	5	5
3/10/92-3,1-A	3	789.7	36.5	552.5	15723.5
3/10/92-3,1-B	3	814.4	0.0	1098.6	20627.6
Average	3	802.057	18.245	825.536	18175.549
St. Dev.		17.475	25.802	386.177	3467.692
R.S.D. %		2	141	47	19
Min		789.700	0.000	552.470	15723.528
Max		814.414	36.498	1098.597	20627.578
n		2	2	2	2
3/10/92-3,2-A	3	594.7	1230.2	1426.9	22468.4
3/10/92-3,2-B	3	46.9	1695.3	0.0	37437.4
Average	3	320.805	1462.777	713.461	29952.934
St. Dev.		387.360	328.865	1008.986	10584.689
R.S.D. %		121	22	141	35
Min		46.900	1230.235	0.000	22468.429
Max		594.710	1695.320	1426.922	37437.440
n		2	2	2	2
Average	3	561.4318	740.5112	769.4997	24064.2415
St. Dev.		356.8177	855.4710	627.0957	9358.9058
R.S.D. %		64	116	81	39
Min		46.9006	0.0000	0.0000	15723.5200
Max		814.4138	1695.3200	1426.9218	37437.4400
n		4	4	4	4

ND = Not determined

BRH PES 1	Dynes/cm^2	Filter #	Amt filtered, g	C, mg	H, mg	N, mg	C, mg/g	H, mg/g	N, mg/g
2/27/92-0,0	0	5							
3/10/92-0,0	0	14	0.0027	0.193	0.067	0.027	71.481	24.815	10.000
Average	0		0.003	0.193	0.067	0.027	71.481	24.815	10.000
St. Dev.			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.003	0.193	0.067	0.027	71.481	24.815	10.000
Max			0.003	0.193	0.067	0.027	71.481	24.815	10.000
n		2	1	1	1	1	1	1	1
3/2/92-2,1-A	2	5	0.0026	0.092	0.055	0.014	35.385	21.154	5.385
3/2/92-2,1-B	2	3	0.0040	0.140	0.096	0.019	35.000	24.000	4.750
Average	2		0.003	0.116	0.076	0.017	35.192	22.577	5.067
St. Dev.			0.001	0.034	0.029	0.004	0.272	2.013	0.449
R.S.D. %			30	29	38	21	1	9	9
Min			0.003	0.092	0.055	0.014	35.000	21.154	4.750
Max			0.004	0.140	0.096	0.019	35.385	24.000	5.385
n			2	2	2	2	2	2	2
3/2/92-2,2-A	2	4	0.0035	0.138	0.063	0.019	39.429	18.000	5.429
3/2/92-2,2-B	2	6	0.0035	0.144	0.069	0.020	41.143	19.714	5.714
Average	2		0.004	0.141	0.066	0.020	40.286	18.857	5.571
St. Dev.			0.000	0.004	0.004	0.001	1.212	1.212	0.202
R.S.D. %			0	3	6	4	3	6	4
Min			0.004	0.138	0.063	0.019	39.429	18.000	5.429
Max			0.004	0.144	0.069	0.020	41.143	19.714	5.714
n			2	2	2	2	2	2	2
3/4/92-2,1-A	2	12	0.0034	0.181	0.064	0.025	53.235	18.824	7.353
3/4/92-2,1-B	2	13	0.0035	0.205	0.069	0.025	58.857	19.714	7.143
Average	2		0.003	0.194	0.067	0.025	56.046	19.269	7.248
St. Dev.			0.000	0.018	0.004	0.000	3.975	0.630	0.149
R.S.D. %			2	9	5	0	7	3	2
Min			0.003	0.181	0.064	0.025	53.235	18.824	7.143
Max			0.004	0.206	0.069	0.025	58.857	19.714	7.353
n			2	2	2	2	2	2	2
Average	2		0.003	0.150	0.069	0.020	43.841	20.234	5.962
St. Dev.			0.000	0.039	0.014	0.004	9.901	2.124	1.047
R.S.D. %			13	26	20	21	23	10	18
Min			0.003	0.092	0.055	0.014	35.000	18.000	4.750
Max			0.004	0.206	0.096	0.025	58.857	24.000	7.353
n			6	6	6	6	6	6	6
3/10/92-3,1-A	3								
3/10/92-3,1-B	3	15	0.0027	0.147	0.058	0.019	54.444	21.481	7.037
Average	3		0.003	0.147	0.058	0.019	54.444	21.481	7.037
St. Dev.			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.003	0.147	0.058	0.019	54.444	21.481	7.037
Max			0.003	0.147	0.058	0.019	54.444	21.481	7.037
n			1	1	1	1	1	1	1
3/10/92-3,2-A	3	16	0.0033	0.220	0.087	0.029	66.667	26.364	8.788
3/10/92-3,2-B	3	17	0.0014	0.137	0.079	0.018	97.857	56.429	12.857
Average	3		0.002	0.179	0.083	0.024	82.262	41.396	10.823
St. Dev.			0.001	0.059	0.006	0.008	22.855	21.299	2.877
R.S.D. %			57	33	7	33	27	51	27
Min			0.001	0.137	0.079	0.018	66.667	26.364	8.788
Max			0.003	0.220	0.087	0.029	97.857	56.429	12.857
n			2	2	2	2	2	2	2
Average	3		0.0025	0.1580	0.0747	0.0220	72.9594	34.7579	9.5607
St. Dev.			0.0010	0.0453	0.0158	0.0061	22.3863	18.9254	2.9869
R.S.D. %			39	27	21	28	31	54	31
Min			0.0014	0.1370	0.0580	0.0180	54.4444	21.4815	7.0370
Max			0.0033	0.2200	0.0870	0.0290	97.8571	56.4286	12.8571
n			3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	0-2 μm (10-9 Ø) (fine clay) %	2-4 μm (9-8 Ø) (coarse clay) %	4-62 μm (8-4 Ø) (silt) %	62-300 μm (4-1.75 Ø) (vfine to med sand) %	sum, %
2/27/92-0,0	0					
3/10/92-0,0	0					
Average	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	0.000	0.000	0.000
n		0	0	0	0	0
3/2/92-2,1-A	2					
3/2/92-2,1-B	2	0.00	3.00	81.15	15.85	100.00
Average	2	0.000	3.000	81.150	15.850	100.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	3.000	81.150	15.850	100.000
Max		0.000	3.000	81.150	15.850	100.000
n		1	1	1	1	1
3/2/92-2,2-A	2					
3/2/92-2,2-B	2	0.00	7.51	89.56	2.93	100.00
Average	2	0.000	7.510	89.560	2.930	100.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	7.510	89.560	2.930	100.000
Max		0.000	7.510	89.560	2.930	100.000
n		1	1	1	1	1
3/4/92-2,1-A	2					
3/4/92-2,1-B	2	0.00	5.99	85.52	8.50	100.01
Average	2	0.000	5.990	85.520	8.500	100.010
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	5.990	85.520	8.500	100.010
Max		0.000	5.990	85.520	8.500	100.010
n		1	1	1	1	1
Average	2	0.000	5.500	85.410	9.093	100.003
St. Dev.		0.000	2.295	4.206	6.480	0.006
R.S.D.%		#DIV/0!	42	5	71	0
Min		0.000	3.000	81.150	2.930	100.000
Max		0.000	7.510	89.560	15.850	100.010
n		3	3	3	3	3
3/10/92-3,1-A	3					
3/10/92-3,1-B	3	0.00	4.93	82.69	12.37	99.99
Average	3	0.000	4.930	82.690	12.370	99.990
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	4.930	82.690	12.370	99.990
Max		0.000	4.930	82.690	12.370	99.990
n		1	1	1	1	1
3/10/92-3,2-A	3					
3/10/92-3,2-B	3	0.00	3.26	76.57	20.17	100.00
Average	3	0.000	3.260	76.570	20.170	100.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	3.260	76.570	20.170	100.000
Max		0.000	3.260	76.570	20.170	100.000
n		1	1	1	1	1
Average	3	0.0000	4.0950	79.6300	16.2700	99.9950
St. Dev.		0.0000	1.1809	4.3275	5.5154	0.0071
R.S.D.%		#DIV/0!	29	5	34	0
Min		0.0000	3.2600	76.5700	12.3700	99.9900
Max		0.0000	4.9300	82.6900	20.1700	100.0000
n		2	2	2	2	2

ND = Not Determined

BRH PES 1	Dynes/cm^2	Mode, μm/median, μm/mean (vm), μm S.D. (vm), μm Conf (vm), %				
2/27/92-0,0	0					
3/10/92-0,0	0					
Average	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	0.000	0.000	0.000
n		0	0	0	0	0
3/2/92-2,1-A	2					
3/2/92-2,1-B	2	27.79	22.76	37.16	41.09	99.99
Average	2	27.790	22.760	37.160	41.090	99.990
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		27.790	22.760	37.160	41.090	99.990
Max		27.790	22.760	37.160	41.090	99.990
n		1	1	1	1	1
3/2/92-2,2-A	2					
3/2/92-2,2-B	2	10.50	11.92	17.21	15.48	100.00
Average	2	10.500	11.920	17.210	15.480	100.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		10.500	11.920	17.210	15.480	100.000
Max		10.500	11.920	17.210	15.480	100.000
n		1	1	1	1	1
3/4/92-2,1-A	2					
3/4/92-2,1-B	2	10.50	13.65	23.09	25.68	99.99
Average	2	10.500	13.650	23.090	25.680	99.990
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		10.500	13.650	23.090	25.680	99.990
Max		10.500	13.650	23.090	25.680	99.990
n		1	1	1	1	1
Average	2	16.263	16.110	25.820	27.417	99.993
St. Dev.		9.982	5.824	10.251	12.893	0.006
R.S.D. %		61	36	40	47	0
Min		10.500	11.920	17.210	15.480	99.990
Max		27.790	22.760	37.160	41.090	100.000
n		3	3	3	3	3
3/10/92-3,1-A	3					
3/10/92-3,1-B	3	7.50	14.86	29.43	36.16	99.75
Average	3	7.500	14.860	29.430	36.160	99.750
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		7.500	14.860	29.430	36.160	99.750
Max		7.500	14.860	29.430	36.160	99.750
n		1	1	1	1	1
3/10/92-3,2-A	3					
3/10/92-3,2-B	3	35.70	23.12	39.78	42.70	99.99
Average	3	35.700	23.120	39.780	42.700	99.990
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		35.700	23.120	39.780	42.700	99.990
Max		35.700	23.120	39.780	42.700	99.990
n		1	1	1	1	1
Average	3	21.6000	18.9900	34.6050	39.4300	99.8700
St. Dev.		19.9404	5.8407	7.3186	4.6245	0.1697
R.S.D. %		92	31	21	12	0
Min		7.5000	14.8600	29.4300	36.1600	99.7500
Max		35.7000	23.1200	39.7800	42.7000	99.9900
n		2	2	2	2	2

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB008, ng	CB018, ng	CB029, ng	CB050, ng	CB028, ng	CB052, ng	CB104, ng
2/27/92-0,0	0	0.21	0.00	0.00	0.16	0.00	0.00	0.00
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	0.106	0.000	0.000	0.081	0.000	0.000	0.000
St. Dev.		0.150	0.000	0.000	0.114	0.000	0.000	0.000
R.S.D.%		141	#DIV/0!	#DIV/0!	141	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		0.212	0.000	0.000	0.161	0.000	0.000	0.000
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.29	0.35	0.00	1.10	0.92	0.54	0.00
3/2/92-2,1-B	2	0.74	1.17	0.00	0.40	2.16	0.29	0.00
Average	2	0.515	0.759	0.000	0.749	1.537	0.413	0.000
St. Dev.		0.324	0.584	0.000	0.500	0.876	0.177	0.000
R.S.D.%		63	77	#DIV/0!	67	57	43	#DIV/0!
Min		0.286	0.346	0.000	0.395	0.917	0.288	0.000
Max		0.744	1.172	0.000	1.102	2.157	0.539	0.000
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.03	0.00	0.00	1.63	1.07	0.41	0.00
3/2/92-2,2-B	2	0.08	0.00	0.00	0.94	0.75	0.31	0.00
Average	2	0.053	0.000	0.000	1.283	0.909	0.360	0.000
St. Dev.		0.038	0.000	0.000	0.484	0.225	0.068	0.000
R.S.D.%		72	#DIV/0!	#DIV/0!	38	25	19	#DIV/0!
Min		0.026	0.000	0.000	0.941	0.750	0.312	0.000
Max		0.080	0.000	0.000	1.626	1.069	0.408	0.000
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	0.63	0.38	0.00	1.00	1.08	1.92	0.00
3/4/92-2,1-B	2	0.15	0.03	0.00	1.90	1.34	0.48	0.05
Average	2	0.391	0.208	0.000	1.453	1.212	1.199	0.026
St. Dev.		0.338	0.256	0.000	0.635	0.187	1.022	0.036
R.S.D.%		87	120	#DIV/0!	44	15	85	141
Min		0.152	0.032	0.000	1.004	1.080	0.476	0.000
Max		0.630	0.385	0.000	1.901	1.345	1.922	0.051
n		2	2	2	2	2	2	2
Average	2	0.319	0.322	0.000	1.162	1.220	0.658	0.009
St. Dev.		0.300	0.452	0.000	0.534	0.500	0.627	0.021
R.S.D.%		94	140	#DIV/0!	46	41	95	265
Min		0.0	0.000	0.000	0.395	0.750	0.288	0.000
Max		0.44	1.172	0.000	1.901	2.157	1.922	0.051
n		6	6	6	6	6	6	6
3/10/92-3,1-	3	0.00	0.00	0.00	1.69	1.54	0.93	0.00
3/10/92-3,1-L	3	0.01	0.00	0.00	1.36	1.24	0.70	0.00
Average	3	0.005	0.000	0.000	1.529	1.390	0.814	0.000
St. Dev.		0.007	0.000	0.000	0.233	0.213	0.159	0.000
R.S.D.%		141	141	#DIV/0!	15	15	20	#DIV/0!
Min		0.000	0.000	0.000	1.364	1.239	0.702	0.000
Max		0.010	0.000	0.000	1.693	1.541	0.926	0.000
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.00	0.00	2.10	1.51	0.82	0.00
3/10/92-3,2-B	3	0.00	0.00	0.00	1.65	1.07	0.55	0.00
Average	3	0.000	0.000	0.000	1.870	1.293	0.687	0.000
St. Dev.		0.000	0.000	0.000	0.318	0.310	0.193	0.000
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	17	24	28	#DIV/0!
Min		0.000	0.000	0.000	1.645	1.074	0.550	0.000
Max		0.000	0.000	0.000	2.095	1.512	0.823	0.000
n		2	2	2	2	2	2	2
Average	3	0.0025	0.0001	0.0000	1.6994	1.3416	0.7504	0.0000
St. Dev.		0.0051	0.0002	0.0000	0.3012	0.2245	0.1619	0.0000
R.S.D.%		200	200	#DIV/0!	18	17	22	#DIV/0!
Min		0.0000	0.0000	0.0000	1.3639	1.0736	0.5503	0.0000
Max		0.0102	0.0004	0.0000	2.0953	1.5411	0.9262	0.0000
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB044, ng	CB066, ng	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
2/27/92-0,0	0	0.00	0.56	0.33	0.13	0.71	0.00	0.81
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.11	0.00
Average	0	0.000	0.280	0.166	0.065	0.354	0.053	0.406
St. Dev.		0.000	0.396	0.235	0.091	0.501	0.075	0.574
R.S.D.%		#DIV/0!	141	141	141	141	141	141
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		0.000	0.559	0.332	0.129	0.709	0.106	0.812
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	3.72	1.61	0.47	2.66	1.42	2.55
3/2/92-2,1-B	2	0.26	1.22	3.05	0.77	3.87	2.01	3.96
Average	2	0.129	0.966	2.333	0.624	3.267	1.715	3.255
St. Dev.		0.183	0.355	1.020	0.212	0.857	0.420	0.990
R.S.D.%		141	37	44	34	26	24	30
Min		0.000	0.717	1.612	0.475	2.661	1.418	2.554
Max		0.259	1.219	3.054	0.774	3.874	2.012	3.955
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.48	1.63	0.27	1.84	1.06	2.30
3/2/92-2,2-B	2	0.00	0.75	1.71	0.23	1.78	0.99	2.47
Average	2	0.000	0.615	1.673	0.250	1.812	1.022	2.381
St. Dev.		0.000	0.194	0.059	0.031	0.046	0.058	0.123
R.S.D.%		#DIV/0!	31	4	12	3	5	5
Min		0.000	0.478	1.631	0.229	1.780	0.987	2.294
Max		0.000	0.752	1.714	0.272	1.844	1.057	2.467
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	1.03	1.66	3.92	1.90	5.38	0.00	2.09
3/4/92-2,1-B	2	0.00	1.02	2.26	0.54	2.39	1.27	3.08
Average	2	0.513	1.343	3.091	1.219	3.889	0.637	2.782
St. Dev.		0.725	0.451	1.180	0.961	2.113	0.901	0.988
R.S.D.%		141	34	38	79	54	141	35
Min		0.000	1.024	2.256	0.540	2.395	0.000	2.085
Max		1.026	1.661	3.925	1.899	5.383	1.274	3.478
n		2	2	2	2	2	2	2
Average	2	0.214	0.975	2.365	0.698	2.989	1.125	2.806
St. Dev.		0.411	0.424	0.943	0.621	1.396	0.661	0.739
R.S.D.%		192	43	40	89	47	59	26
Min		0.000	0.478	1.612	0.229	1.780	0.000	2.085
Max		1.026	1.661	3.925	1.899	5.383	2.012	3.955
n		6	6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	1.45	3.38	0.74	3.48	1.82	4.89
3/10/92-3,1-B	3	0.00	0.93	2.46	0.63	2.70	1.42	3.70
Average	3	0.000	1.186	2.920	0.687	3.088	1.619	4.292
St. Dev.		0.000	0.369	0.647	0.074	0.548	0.279	0.842
R.S.D.%		#DIV/0!	31	22	11	18	17	20
Min		0.000	0.926	2.462	0.635	2.700	1.422	3.696
Max		0.000	1.447	3.378	0.739	3.476	1.817	4.887
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	1.40	3.10	0.84	3.37	1.75	4.41
3/10/92-3,2-B	3	0.00	1.00	2.29	0.58	2.37	1.28	3.56
Average	3	0.000	1.200	2.699	0.710	2.871	1.512	3.981
St. Dev.		0.000	0.282	0.574	0.184	0.711	0.334	0.602
R.S.D.%		#DIV/0!	23	21	26	25	22	15
Min		0.000	1.000	2.292	0.579	2.368	1.276	3.555
Max		0.000	1.399	3.10	0.840	3.374	1.748	4.407
n		2	2	2	2	2	2	2
Average	3	0.0000	1.1930	2.8093	0.6985	2.9794	1.5655	4.1365
St. Dev.		0.0000	0.2682	0.5158	0.1155	0.5335	0.2589	0.6242
R.S.D.%		#DIV/0!	22	18	17	18	17	15
Min		0.0000	0.9255	2.2925	0.5795	2.3675	1.2756	3.5554
Max		0.0000	1.4472	3.3778	0.8404	3.4759	1.8169	4.8873
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB138, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng	CB187, ng	CB128, ng
2/27/92-0,0	0	0.14	0.30	0.24	0.00	0.10	0.06	0.01
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	0.070	0.152	0.122	0.000	0.048	0.030	0.003
St. Dev.		0.098	0.215	0.173	0.000	0.068	0.042	0.004
R.S.D.%		141	141	141	#DIV/0!	141	141	141
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		0.139	0.304	0.244	0.000	0.097	0.060	0.005
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	0.96	1.19	1.57	0.26	0.18	0.39
3/2/92-2,1-B	2	0.00	1.90	1.68	2.92	0.22	0.31	0.50
Average	2	0.000	1.431	1.434	2.245	0.238	0.245	0.442
St. Dev.		0.000	0.666	0.351	0.958	0.032	0.087	0.076
R.S.D.%		#DIV/0!	47	24	43	13	36	17
Min		0.000	0.960	1.185	1.567	0.216	0.183	0.388
Max		0.000	1.902	1.682	2.922	0.260	0.307	0.496
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.81	0.62	1.18	0.12	0.01	0.16
3/2/92-2,2-B	2	0.32	1.02	0.69	1.39	0.20	0.15	0.18
Average	2	0.162	0.913	0.656	1.282	0.160	0.078	0.174
St. Dev.		0.229	0.147	0.045	0.148	0.059	0.100	0.015
R.S.D.%		141	16	7	12	37	128	9
Min		0.000	0.810	0.624	1.177	0.118	0.007	0.163
Max		0.324	1.017	0.688	1.387	0.202	0.148	0.185
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	0.63	2.80	2.97	4.48	0.45	0.59	0.78
3/4/92-2,1-B	2	0.42	1.66	0.91	2.07	0.19	0.30	0.25
Average	2	0.529	2.230	1.939	3.279	0.317	0.443	0.513
St. Dev.		0.149	0.804	1.454	1.705	0.185	0.207	0.372
R.S.D.%		28	36	75	52	58	47	73
Min		0.423	1.661	0.910	2.074	0.186	0.297	0.250
Max		0.634	2.798	2.967	4.484	0.447	0.589	0.776
n		2	2	2	2	2	2	2
Average	2	0.230	1.525	1.343	2.269	0.238	0.255	0.376
St. Dev.		0.271	0.758	0.884	1.252	0.112	0.197	0.233
R.S.D.%		118	50	66	55	47	77	62
Min		0.000	0.810	0.624	1.177	0.118	0.007	0.163
Max		0.634	2.798	2.967	4.484	0.447	0.589	0.776
n		6	6	6	6	6	6	6
3/10/92-3,1-A	3	0.60	2.46	1.60	2.95	0.21	0.45	0.42
3/10/92-3,1-B	3	0.46	1.77	1.08	2.06	0.17	0.25	0.31
Average	3	0.530	2.115	1.340	2.508	0.192	0.350	0.366
St. Dev.		0.103	0.493	0.362	0.628	0.026	0.135	0.082
R.S.D.%		19	23	27	25	14	39	22
Min		0.457	1.766	1.084	2.064	0.174	0.255	0.308
Max		0.603	2.463	1.596	2.953	0.211	0.446	0.425
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.58	2.13	1.38	2.84	0.32	0.48	0.46
3/10/92-3,2-B	3	0.50	1.75	0.80	2.06	0.14	0.48	0.41
Average	3	0.535	1.940	1.094	2.449	0.234	0.481	0.439
St. Dev.		0.057	0.267	0.410	0.551	0.129	0.004	0.034
R.S.D.%		11	14	38	23	55	1	8
Min		0.495	1.751	0.804	2.059	0.142	0.478	0.414
Max		0.575	2.128	1.384	2.838	0.325	0.484	0.463
n		2	2	2	2	2	2	2
Average	3	0.5325	2.0272	1.2170	2.4785	0.2129	0.4158	0.4025
St. Dev.		0.0680	0.3391	0.3464	0.4839	0.0796	0.1088	0.0663
R.S.D.%		13	17	28	20	37	26	16
Min		0.4569	1.7511	0.8036	2.0587	0.1424	0.2545	0.3082
Max		0.6027	2.4633	1.5961	2.9527	0.3247	0.4843	0.4629
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB200, ng	CB180, ng	CB170, ng	CB195, ng	CB206, ng	CB209, ng	CB sum, ng
2/27/92-0,0	0	0.00	0.16	0.00	0.18	0.17	0.11	4.39
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.11
Average	0	0.000	0.081	0.000	0.089	0.087	0.055	2.247
St. Dev.		0.000	0.115	0.000	0.126	0.123	0.077	3.028
R.S.D.%		#DIV/0!	141	#DIV/0!	141	141	141	135
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.106
Max		0.000	0.162	0.000	0.178	0.174	0.110	4.388
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	0.53	0.00	0.00	0.00	0.18	17.89
3/2/92-2,1-B	2	0.00	0.77	0.22	0.00	0.30	1.52	30.24
Average	2	0.000	0.655	0.109	0.000	0.149	0.851	24.063
St. Dev.		0.000	0.170	0.154	0.000	0.210	0.949	8.736
R.S.D.%		#DIV/0!	26	141	#DIV/0!	141	112	36
Min		0.000	0.535	0.000	0.000	0.000	0.180	17.886
Max		0.000	0.775	0.218	0.000	0.297	1.522	30.240
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.42	0.00	0.00	0.00	0.01	14.04
3/2/92-2,2-B	2	0.00	0.47	0.00	0.00	0.00	0.10	14.53
Average	2	0.000	0.446	0.000	0.000	0.000	0.055	14.284
St. Dev.		0.000	0.038	0.000	0.000	0.000	0.059	0.349
R.S.D.%		#DIV/0!	9	#DIV/0!	#DIV/0!	#DIV/0!	109	2
Min		0.000	0.419	0.000	0.000	0.000	0.013	14.038
Max		0.000	0.473	0.000	0.000	0.000	0.097	14.531
n		2	2	2	2	2	2	2
3/4/93-2,1-A	2	0.36	1.20	1.49	0.07	0.19	0.37	37.38
3/4/92-2,1-B	2	0.00	0.68	0.00	0.00	0.00	0.19	21.60
Average	2	0.179	0.944	0.746	0.035	0.093	0.282	29.489
St. Dev.		0.254	0.368	1.055	0.050	0.131	0.129	11.160
R.S.D.%		141	39	141	141	141	46	38
Min		0.000	0.683	0.000	0.000	0.000	0.191	21.598
Max		0.359	1.204	1.492	0.071	0.186	0.373	37.380
n		2	2	2	2	2	2	2
Average	2	0.060	0.681	0.285	0.012	0.081	0.396	22.612
St. Dev.		0.147	0.284	0.598	0.029	0.130	0.565	9.365
R.S.D.%		245	42	210	245	161	143	41
Min		0.000	0.419	0.000	0.000	0.000	0.013	14.038
Max		0.359	1.204	1.492	0.071	0.297	1.522	37.380
n		6	6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	1.00	0.15	0.02	0.00	0.14	29.92
3/10/92-3,1-B	3	0.00	0.73	0.00	0.00	0.00	0.16	22.15
Average	3	0.000	0.862	0.074	0.012	0.000	0.153	26.035
St. Dev.		0.000	0.193	0.105	0.017	0.000	0.011	5.492
R.S.D.%		#DIV/0!	22	141	141	#DIV/0!	7	21
Min		0.000	0.726	0.000	0.000	0.000	0.145	22.151
Max		0.000	0.999	0.149	0.024	0.000	0.161	29.918
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.81	0.05	0.00	0.00	0.07	28.42
3/10/92-3,2-B	3	0.00	0.77	0.00	0.25	0.00	0.00	21.59
Average	3	0.000	0.788	0.067	0.124	0.000	0.035	25.006
St. Dev.		0.000	0.033	0.027	0.175	0.000	0.047	4.831
R.S.D.%		#DIV/0!	4	40	141	#DIV/0!	136	19
Min		0.000	0.765	0.048	0.000	0.000	0.001	21.590
Max		0.000	0.811	0.085	0.248	0.000	0.068	28.422
n		2	2	2	2	2	2	2
Average	3	0.0000	0.8254	0.0705	0.0681	0.0000	0.0938	25.5204
St. Dev.		0.0000	0.1208	0.0628	0.1206	0.0000	0.0738	4.2648
R.S.D.%		#DIV/0!	15	89	177	#DIV/0!	79	17
Min		0.0000	0.7260	0.0000	0.0000	0.0000	0.0014	21.5898
Max		0.0000	0.9969	0.1488	0.2481	0.0000	0.1609	29.9183
n		4	4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	Σ PCB, ng
2/27/92-0,0	0	#REF!
3/10/92-0,0	0	#REF!
Average	0	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
3/2/92-2,1-A	2	#REF!
3/2/92-2,1-B	2	#REF!
Average	2	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
3/2/92-2,2-A	2	#REF!
3/2/92-2,2-B	2	#REF!
Average	2	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
3/4/92-2,1-A	2	#REF!
3/4/92-2,1-B	2	#REF!
Average	2	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
Average	2	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
3/10/92-3,1-A	3	#REF!
3/10/92-3,1-B	3	#REF!
Average	3	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
3/10/92-3,2-A	3	#REF!
3/10/92-3,2-B	3	#REF!
Average	3	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0
Average	3	#REF!
St. Dev.		#REF!
R.S.D.%		#REF!
Min		#REF!
Max		#REF!
n		0

ND = Not Determined

BRH PES 1	Dynes/cm^2	HCB, ng	g-HCH, ng	HEPT, ng	ALDRIN, ng	HEPT E, ng	OP'DDE, ng	A-CHLDA, ng
2/27/92-0,0	0	NA	NA	NA	NA	NA	NA	NA
3/10/92-0,0	0	0.03	#REF!	0.00	0.00	#REF!	0.00	#REF!
Average	0	0.032	#REF!	0.000	0.000	#REF!	0.000	#REF!
St. Dev.		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!	#REF!
R.S.D.%		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!	#REF!
Min		0.032	#REF!	0.000	0.000	#REF!	0.000	#REF!
Max		0.032	#REF!	0.000	0.000	#REF!	0.000	#REF!
n		1	0	1	1	0	1	0
3/2/92-2,1-A	2	0.25	#REF!	0.14	0.00	#REF!	0.00	#REF!
3/2/92-2,1-B	2	0.19	#REF!	0.17	0.00	#REF!	1.18	#REF!
Average	2	0.223	#REF!	0.150	0.000	#REF!	0.592	#REF!
St. Dev.		0.041	#REF!	0.021	0.000	#REF!	0.837	#REF!
R.S.D.%		19	#REF!	14	#DIV/0!	#REF!	141	#REF!
Min		0.194	#REF!	0.135	0.000	#REF!	0.000	#REF!
Max		0.252	#REF!	0.165	0.000	#REF!	1.183	#REF!
n		2	0	2	2	0	2	0
3/2/92-2,2-A	2	0.75	#REF!	0.00	0.00	#REF!	0.00	#REF!
3/2/92-2,2-B	2	0.09	#REF!	0.00	0.00	#REF!	0.34	#REF!
Average	2	0.418	#REF!	0.000	0.000	#REF!	0.169	#REF!
St. Dev.		0.463	#REF!	0.000	0.000	#REF!	0.240	#REF!
R.S.D.%		111	#REF!	#DIV/0!	#DIV/0!	#REF!	141	#REF!
Min		0.091	#REF!	0.000	0.000	#REF!	0.000	#REF!
Max		0.745	#REF!	0.000	0.000	#REF!	0.339	#REF!
n		2	0	2	2	0	2	0
3/4/92-2,1-A	2	NA	NA	NA	NA	NA	NA	NA
3/4/92-2,1-B	2	0.18	#REF!	0.00	0.00	#REF!	0.00	#REF!
Average	2	0.177	#REF!	0.000	0.000	#REF!	0.000	#REF!
St. Dev.		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!	#REF!
R.S.D.%		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!	#REF!
Min		0.177	#REF!	0.000	0.000	#REF!	0.000	#REF!
Max		0.177	#REF!	0.000	0.000	#REF!	0.000	#REF!
n		1	0	1	1	0	1	0
Average	2	0.292	#REF!	0.060	0.000	#REF!	0.304	#REF!
St. Dev.		0.260	#REF!	0.083	0.000	#REF!	0.513	#REF!
R.S.D.%		89	#REF!	138	#DIV/0!	#REF!	168	#REF!
Min		0.091	#REF!	0.000	0.000	#REF!	0.000	#REF!
Max		0.745	#REF!	0.165	0.000	#REF!	1.183	#REF!
n		5	0	5	5	0	5	0
3/10/92-3,1-A	3	0.03	#REF!	0.00	0.00	#REF!	0.62	#REF!
3/10/92-3,1-B	3	0.13	#REF!	0.00	0.00	#REF!	0.45	#REF!
Average	3	0.102	#REF!	0.000	0.000	#REF!	0.535	#REF!
St. Dev.		0.035	#REF!	0.000	0.000	#REF!	0.117	#REF!
R.S.D.%		34	#REF!	#DIV/0!	#DIV/0!	#REF!	22	#REF!
Min		0.077	#REF!	0.000	0.000	#REF!	0.452	#REF!
Max		0.127	#REF!	0.000	0.000	#REF!	0.618	#REF!
n		2	0	2	2	0	2	0
3/10/92-3,2-A	3	0.12	#REF!	0.00	0.00	#REF!	0.46	#REF!
3/10/92-3,2-B	3	0.12	#REF!	0.00	0.00	#REF!	0.36	#REF!
Average	3	0.122	#REF!	0.000	0.000	#REF!	0.410	#REF!
St. Dev.		0.004	#REF!	0.000	0.000	#REF!	0.072	#REF!
R.S.D.%		3	#REF!	#DIV/0!	#DIV/0!	#REF!	17	#REF!
Min		0.120	#REF!	0.000	0.000	#REF!	0.359	#REF!
Max		0.125	#REF!	0.000	0.000	#REF!	0.461	#REF!
n		2	0	2	2	0	2	0
Average	3	0.1122	#REF!	0.0000	0.0000	#REF!	0.4724	#REF!
St. Dev.		0.0234	#REF!	0.0000	0.0000	#REF!	0.1073	#REF!
R.S.D %		21	#REF!	#DIV/0!	#DIV/0!	#REF!	23	#REF!
M...n		0.0774	#REF!	0.0000	0.0000	#REF!	0.3593	#REF!
Max		0.1272	#REF!	0.0000	0.0000	#REF!	0.6179	#REF!
n		4	0	4	4	0	4	0

ND = Not Determined

BRH PES 1	Dynes/cm^2	TRANSNON, ng	DIELDRIN, ng	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng
2/27/92-0,0	0	NA	NA	NA	NA	NA	NA
3/10/92-0,0	0	#REF!	0.00	0.05	0.00	0.00	0.00
Average	0	#REF!	0.000	0.054	0.000	0.000	0.000
St. Dev.		#REF!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#REF!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		#REF!	0.000	0.054	0.000	0.000	0.000
Max		#REF!	0.000	0.054	0.000	0.000	0.000
n		0	1	1	1	1	1
3/2/92-2,1-A	2	#REF!	NA	1.37	0.94	2.56	0.51
3/2/92-2,1-B	2	#REF!	NA	1.59	1.33	0.00	0.00
Average	2	#REF!	#DIV/0!	1.479	1.133	1.280	0.253
St. Dev.		#REF!	#DIV/0!	0.154	0.277	1.810	0.358
R.S.D.%		#REF!	#DIV/0!	10	24	141	141
Min		#REF!	0.000	1.371	0.937	0.000	0.000
Max		#REF!	0.000	1.588	1.329	2.559	0.506
n		0	0	2	2	2	2
3/2/92-2,2-A	2	#REF!	0.32	0.78	1.72	0.00	0.00
3/2/92-2,2-B	2	#REF!	NA	0.68	0.65	0.23	0.00
Average	2	#REF!	0.321	0.730	1.185	0.116	0.000
St. Dev.		#REF!	#DIV/0!	0.070	0.754	0.165	0.000
R.S.D.%		#REF!	#DIV/0!	10	64	141	#DIV/0!
Min		#REF!	0.321	0.681	0.652	0.000	0.000
Max		#REF!	0.321	0.779	1.719	0.233	0.000
n		0	1	2	2	2	2
3/4/92-2,1-A	2	NA	NA	NA	NA	NA	NA
3/4/92-2,1-B	2	#REF!	NA	0.00	0.84	0.34	0.22
Average	2	#REF!	#DIV/0!	0.000	0.843	0.341	0.220
St. Dev.		#REF!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#REF!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		#REF!	0.000	0.000	0.843	0.341	0.220
Max		#REF!	0.000	0.000	0.843	0.341	0.220
n		0	0	1	1	1	1
Average	2	#REF!	0.321	0.884	1.096	0.627	0.145
St. Dev.		#REF!	#DIV/0!	0.626	0.427	1.091	0.223
R.S.D.%		#REF!	#DIV/0!	71	39	174	154
Min		#REF!	0.321	0.000	0.652	0.000	0.000
Max		#REF!	0.321	1.588	1.719	2.559	0.506
n		0	1	5	5	5	5
3/10/92-3,1-A	3	#REF!	NA	1.36	1.20	0.00	0.00
3/10/92-3,1-B	3	#REF!	NA	1.10	0.94	0.31	0.00
Average	3	#REF!	#DIV/0!	1.231	1.071	0.157	0.000
St. Dev.		#REF!	#DIV/0!	0.181	0.184	0.221	0.000
R.S.D.%		#REF!	#DIV/0!	15	17	141	#DIV/0!
Min		#REF!	0.000	1.103	0.941	0.000	0.000
Max		#REF!	0.000	1.359	1.201	0.313	0.000
n		0	0	2	2	2	2
3/10/92-3,2-A	3	#REF!	NA	1.30	1.16	0.15	0.33
3/10/92-3,2-B	3	#REF!	NA	0.28	0.84	0.25	0.23
Average	3	#REF!	#DIV/0!	0.790	1.000	0.202	0.280
St. Dev.		#REF!	#DIV/0!	0.715	0.221	0.070	0.065
R.S.D.%		#REF!	#DIV/0!	90	22	35	23
Min		#REF!	0.000	0.285	0.844	0.152	0.235
Max		#REF!	0.000	1.296	1.157	0.252	0.326
n		0	0	2	2	2	2
Average	3	#REF!	#DIV/0!	1.0107	1.0355	0.1793	0.1402
St. Dev.		#REF!	#DIV/0!	0.4962	0.1708	0.1367	0.1662
R.S.D.%		#REF!	#DIV/0!	49	16	76	119
Min		#REF!	0.0000	0.2845	0.8439	0.0000	0.0000
Max		#REF!	0.0000	1.3593	1.2005	0.3132	0.3262
n		0	0	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	PP'DDT, ng	MIREX, ng
2/27/92-0,0	0	NA	NA
3/10/92-0,0	0	#REF!	0.00
Average	0	#REF!	0.000
St. Dev.		#REF!	#DIV/0!
R.S.D.%		#REF!	#DIV/0!
Min		#REF!	0.000
Max		#REF!	0.000
n		0	1
3/2/92-2,1-A	2	#REF!	0.03
3/2/92-2,1-B	2	#REF!	0.00
Average	2	#REF!	0.015
St. Dev.		#REF!	0.021
R.S.D.%		#REF!	141
Min		#REF!	0.000
Max		#REF!	0.030
n		0	2
3/2/92-2,2-A	2	#REF!	0.00
3/2/92-2,2-B	2	#REF!	0.16
Average	2	#REF!	0.081
St. Dev.		#REF!	0.115
R.S.D.%		#REF!	141
Min		#REF!	0.000
Max		#REF!	0.163
n		0	2
3/4/92-2,1-A	2	NA	NA
3/4/92-2,1-B	2	#REF!	0.03
Average	2	#REF!	0.031
St. Dev.		#REF!	#DIV/0!
R.S.D.%		#REF!	#DIV/0!
Min		#REF!	0.031
Max		#REF!	0.031
n		0	1
Average	2	#REF!	0.045
St. Dev.		#REF!	0.068
R.S.D.%		#REF!	152
Min		#REF!	0.000
Max		#REF!	0.163
n		0	5
3/10/92-3,1-A	3	#REF!	0.00
3/10/92-3,1-B	3	#REF!	0.00
Average	3	#REF!	0.000
St. Dev.		#REF!	0.000
R.S.D.%		#REF!	#DIV/0!
Min		#REF!	0.000
Max		#REF!	0.000
n		0	2
3/10/92-3,2-A	3	#REF!	0.33
3/10/92-3,2-B	3	#REF!	0.89
Average	3	#REF!	0.614
St. Dev.		#REF!	0.396
R.S.D.%		#REF!	64
Min		#REF!	0.335
Max		#REF!	0.894
n		0	2
Average	3	#REF!	0.3072
St. Dev.		#REF!	0.4218
R.S.D.%		#REF!	137
Min		#REF!	0.0000
Max		#REF!	0.8940
n		0	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DMN, ng	ACL, ng	ACT, ng	TMN, ng	FLU, ng
2/27/92-0,0	0	0.00	0.00	0.00	20.87	2.54	0.00	0.00	8.47	1.06
3/10/92-0,0	0	42.23	12.42	13.13	0.00	23.41	0.00	0.00	13.99	0.00
Average	0	21.11	6.210	6.563	10.433	12.975	0.000	0.000	11.228	0.530
St. Dev.		29.862	8.782	9.282	14.755	14.754	0.000	0.000	3.902	0.750
R.S.D.%		141	141	141	141	114	#DIV/0!	#DIV/0!	35	141
Min		0.000	0.000	0.000	0.000	2.542	0.000	0.000	8.469	0.000
Max		42.231	12.420	13.126	20.867	23.407	0.000	0.000	13.988	1.060
n		2	2	2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	34.55	13.10	6.36	0.00	22.40	2.73	0.00	64.91	1.84
Average	2	34.549	13.103	6.362	0.000	22.399	2.727	0.000	64.910	1.843
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		34.549	13.103	6.362	0.000	22.399	2.727	0.000	64.910	1.843
Max		34.549	13.103	6.362	0.000	22.399	2.727	0.000	64.910	1.843
n		1	1	1	1	1	1	1	1	1
3/2/92-2,2-A	2	14.37	0.00	0.00	2.26	6.10	0.00	0.00	0.00	8.12
3/2/92-2,2-B	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	2	7.186	0.000	0.000	1.131	3.049	0.000	0.000	0.000	4.060
St. Dev.		10.163	0.000	0.000	1.599	4.312	0.000	0.000	0.000	5.742
R.S.D.%		141	#DIV/0!	#DIV/0!	141	141	#DIV/0!	#DIV/0!	#DIV/0!	141
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		14.373	0.000	0.000	2.262	6.098	0.000	0.000	0.000	8.120
n		2	2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	16.34	59.95	18.16	95.65	100.90	79.70	36.10	115.30	3.60
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	16.340	59.950	18.160	95.650	100.900	79.700	36.100	115.300	3.600
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		16.340	59.950	18.160	95.650	100.900	79.700	36.100	115.300	3.600
Max		16.340	59.950	18.160	95.650	100.900	79.700	36.100	115.300	3.600
n		1	1	1	1	1	1	1	1	1
Average	2	16.315	18.263	6.130	24.478	32.349	20.607	9.025	45.053	3.391
St. Dev.		14.171	24.469	8.562	47.460	46.668	39.416	18.050	55.942	3.479
R.S.D.%		87	136	140	194	144	191	200	124	103
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		34.549	59.950	18.160	95.650	100.900	79.700	36.100	115.300	8.120
n		4	4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	35.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77
Average	3	35.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.768
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		35.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.768
Max		35.774	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.768
n		1	1	1	1	1	1	1	1	1
3/10/92-3,2-A	3	64.18	0.00	0.00	0.47	4.32	0.00	0.00	0.00	0.00
3/10/92-3,2-B	3	178.34	0.00	0.00	0.00	2.12	0.00	0.00	8.17	2.26
Average	3	121.260	0.000	0.000	0.237	3.223	0.000	0.000	4.086	1.130
St. Dev.		80.719	0.000	0.000	0.336	1.553	0.000	0.000	5.779	1.598
R.S.D.%		67	#DIV/0!	#DIV/0!	141	48	#DIV/0!	#DIV/0!	141	141
Min		64.184	0.000	0.000	0.000	2.125	0.000	0.000	0.000	0.000
Max		178.337	0.000	0.000	0.474	4.321	0.000	0.000	8.172	2.260
n		2	2	2	2	2	2	2	2	2
Average	3	92.7648	0.0000	0.0000	0.1578	2.1485	0.0000	0.0000	2.7241	1.0093
St. Dev.		75.4568	0.0000	0.0000	0.2734	2.1605	0.0000	0.0000	4.7183	1.1493
R.S.D.%		81	#DIV/0!	#DIV/0!	173	101	#DIV/0!	#DIV/0!	173	114
Min		35.7738	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Max		178.3370	0.0000	0.0000	0.4735	4.3209	0.0000	0.0000	8.1724	2.2601
n		3	3	3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	PHE, ng	ANT, ng	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng
2/27/92-0,0	0	5.47	0.00	0.61	1.33	0.00	0.22	0.00	0.34	0.08
3/10/92-0,0	0	0.00	0.00	0.00	2.30	0.07	0.00	0.00	0.00	0.00
Average	0	2.733	0.000	0.303	1.813	0.034	0.108	0.000	0.170	0.041
St. Dev.		3.865	0.000	0.428	0.683	0.048	0.153	0.000	0.240	0.058
R.S.D.%		141	#DIV/0!	141	38	141	141	#DIV/0!	141	141
Min		0.000	0.000	0.000	1.331	0.000	0.000	0.000	0.000	0.000
Max		5.467	0.000	0.606	2.296	0.068	0.217	0.000	0.339	0.083
n		2	2	2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	44.09	13.66	5.55	83.06	82.89	24.24	28.49	54.03	34.61
Average	2	44.090	13.656	5.548	83.064	82.892	24.241	28.487	54.029	34.609
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		44.090	13.656	5.548	83.064	82.892	24.241	28.487	54.029	34.609
Max		44.090	13.656	5.548	83.064	82.892	24.241	28.487	54.029	34.609
n		1	1	1	1	1	1	1	1	1
3/2/92-2,2-A	2	50.12	9.51	13.21	82.79	77.05	31.46	53.42	46.01	51.34
3/2/92-2,2-B	2	20.21	0.00	0.00	53.42	56.53	7.72	15.43	29.29	24.53
Average	2	35.166	4.753	6.605	68.107	66.792	19.593	34.425	37.648	37.936
St. Dev.		21.153	6.721	9.338	20.771	14.513	16.789	26.866	11.826	18.957
R.S.D.%		60	141	141	30	22	86	78	31	50
Min		20.209	0.000	0.000	53.420	56.530	7.722	15.428	29.286	24.531
Max		50.124	9.505	13.209	82.794	77.055	31.465	53.422	46.011	51.340
n		2	2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	26.84	5.35	6.75	25.65	27.05	14.80	25.40	31.80	25.40
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	26.840	5.350	6.750	25.650	27.050	14.800	25.400	31.800	25.400
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		26.840	5.350	6.750	25.650	27.050	14.800	25.400	31.800	25.400
Max		26.840	5.350	6.750	25.650	27.050	14.800	25.400	31.800	25.400
n		1	1	1	1	1	1	1	1	1
Average	2	35.316	7.128	6.376	61.232	60.881	19.537	30.684	40.281	33.970
St. Dev.		14.099	5.838	5.420	27.499	25.229	10.431	16.153	11.757	12.445
R.S.D.%		40	82	85	45	41	53	53	29	37
Min		20.209	0.000	0.000	25.650	27.050	7.722	15.428	29.286	24.531
Max		50.124	13.656	13.206	83.064	82.892	31.465	53.422	54.029	51.340
n		4	4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	29.00	8.03	12.21	89.22	92.64	23.14	60.84	48.99	39.00
Average	3	28.995	8.033	12.208	89.222	92.638	23.139	60.841	48.987	39.002
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		28.995	8.033	12.208	89.222	92.638	23.139	60.841	48.987	39.002
Max		28.995	8.033	12.208	89.222	92.638	23.139	60.841	48.987	39.002
n		1	1	1	1	1	1	1	1	1
3/10/92-3,2-A	3	26.71	2.98	8.83	94.30	102.38	30.17	52.56	50.35	60.62
3/10/92-3,2-B	3	59.03	15.90	25.25	146.12	136.37	86.82	86.86	69.85	93.30
Average	3	42.868	9.440	17.036	120.210	119.374	58.494	69.711	60.101	76.959
St. Dev.		22.851	9.134	11.610	36.637	24.034	40.055	24.259	13.791	23.109
R.S.D.%		53	97	68	30	20	68	35	23	30
Min		26.710	2.981	8.826	94.304	102.379	30.171	52.558	50.349	60.619
Max		59.026	15.898	25.246	146.116	136.368	86.817	86.864	69.853	93.300
n		2	2	2	2	2	2	2	2	2
Average	3	38.2438	8.9789	15.4267	109.8806	110.4618	46.7090	66.7543	56.3961	64.3070
St. Dev.		18.0342	6.5094	8.6709	31.4837	22.9581	34.9124	17.9016	11.6735	27.3362
R.S.D.%		47	73	56	29	21	75	27	21	43
Min		26.7102	2.9812	8.8261	89.2216	92.6384	23.1386	52.5575	48.9866	39.0023
Max		59.0261	15.8983	25.2457	146.1162	136.3682	86.8175	86.8644	69.8525	93.3001
n		3	3	3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng	BPE, ng	ΣPAHs, ng
2/27/92-0,0	0	2.28	0.38	0.00	0.00	0.00	0.00	43.65
3/10/92-0,0	0	0.00	0.00	0.00	0.00	3.36	0.00	110.90
Average	0	1.140	0.192	0.000	0.000	1.682	0.000	77.273
St. Dev.		1.613	0.272	0.000	0.000	2.378	0.000	47.557
R.S.D.%		141	141	#DIV/0!	#DIV/0!	141	#DIV/0!	62
Min		0.000	0.000	0.000	0.000	0.000	0.000	43.645
Max		2.281	0.385	0.000	0.000	3.363	0.000	110.900
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	56.90	20.05	16.70	61.43	16.22	62.98	750.78
Average	2	56.899	20.049	16.699	61.427	16.218	62.985	750.783
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		56.899	20.049	16.699	61.427	16.218	62.985	750.783
Max		56.899	20.049	16.699	61.427	16.218	62.985	750.783
n		1	1	1	1	1	1	1
3/2/92-2,2-A	2	36.39	37.92	2.91	48.53	0.00	62.14	633.65
3/2/92-2,2-B	2	30.01	26.75	5.09	0.63	0.00	54.64	324.24
Average	2	33.198	32.334	3.996	24.582	0.000	58.386	478.945
St. Dev.		4.513	7.900	1.540	33.657	0.000	5.303	218.793
R.S.D.%		14	24	39	138	#DIV/0!	9	46
Min		30.007	26.748	2.907	0.634	0.000	54.637	324.235
Max		36.389	37.920	5.085	48.529	0.000	62.136	633.655
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	25.05	20.70	5.70	21.85	1.73	23.65	813.42
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	25.050	20.700	5.700	21.850	1.730	23.650	813.420
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		25.050	20.700	5.700	21.850	1.730	23.650	813.420
Max		25.050	20.700	5.700	21.850	1.730	23.650	813.420
n		1	1	1	1	1	1	1
Average	2	37.086	26.354	7.598	33.110	4.487	50.852	630.523
St. Dev.		14.000	8.279	6.184	27.210	7.863	18.518	217.360
R.S.D.%		38	31	81	82	175	36	34
Min		25.050	20.049	2.907	0.634	0.000	23.650	324.235
Max		56.899	37.920	16.699	61.427	16.218	62.985	813.420
n		4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	49.93	31.44	4.90	22.89	0.00	30.87	579.63
Average	3	49.931	31.440	4.902	22.885	0.000	30.871	579.635
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		49.931	31.440	4.902	22.885	0.000	30.871	579.635
Max		49.931	31.440	4.902	22.885	0.000	30.871	579.635
n		1	1	1	1	1	1	1
3/10/92-3,2-A	3	72.47	4.43	9.41	18.08	37.40	43.38	683.04
3/10/92-3,2-B	3	49.75	12.19	20.00	1.30	47.13	0.00	1040.76
Average	3	61.109	8.310	14.707	9.692	42.265	21.689	861.901
St. Dev.		16.064	5.493	7.484	11.862	6.881	30.673	252.947
R.S.D.%		26	66	51	122	16	141	29
Min		49.750	4.427	9.415	1.304	37.399	0.000	683.040
Max		72.467	12.194	19.999	18.079	47.130	43.378	1040.761
n		2	2	2	2	2	2	2
Average	3	57.3829	16.0202	11.4386	14.0893	28.1763	24.7498	757.8120
St. Dev.		13.0639	13.9070	7.7496	11.3303	24.2818	22.3276	241.9689
R.S.D.%		23	87	68	80	86	90	32
Min		49.7500	4.4265	4.9017	1.3038	0.0000	0.0000	579.6349
Max		72.4675	31.4397	19.9993	22.8850	47.1299	43.3784	1040.7608
n		3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB008, ng/L	CB018, ng/l	CB029, ng/l	CB050, ng/l	CB028, ng/l	CB052, ng/l
2/27/92 0,0	0	4.24	0.00	0.00	3.22	0.00	0.00
3/10/92 0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	2.120	0.000	0.000	1.611	0.000	0.000
St. Dev.		2.998	0.000	0.000	2.278	0.000	0.000
R.S.D.%		141	#DIV/0!	#DIV/0!	141	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		4.239	0.000	0.000	3.221	0.000	0.000
n		2	2	2	2	2	2
3/2/92-2,1-A	2	4.76	5.77	0.00	18.37	15.29	8.98
3/2/92-2,1-B	2	18.59	29.31	0.00	9.89	53.92	7.20
Average	2	11.675	17.539	0.000	14.128	34.605	8.089
St. Dev.		9.781	16.647	0.000	6.050	27.314	1.252
R.S.D.%		84	95	#DIV/0!	42	79	15
Min		4.759	5.768	0.000	9.886	15.291	7.204
Max		18.591	29.310	0.000	18.371	53.919	8.975
n		2	2	2	2	2	2
3/2/92-2,2-A	2	0.52	0.00	0.00	32.51	21.37	8.17
3/2/92-2,2-B	2	1.59	0.00	0.00	18.82	15.00	6.24
Average	2	1.056	0.000	0.000	25.668	18.188	7.206
St. Dev.		0.758	0.000	0.000	9.678	4.502	1.363
R.S.D.%		72	#DIV/0!	#DIV/0!	38	25	19
Min		0.520	0.000	0.000	18.824	15.005	6.243
Max		1.592	0.000	0.000	32.511	21.372	8.170
n		2	2	2	2	2	2
3/4/92-2,1-A	2	12.60	7.70	0.00	20.07	21.60	38.44
3/4/92-2,1-B	2	3.03	0.63	0.00	38.03	26.89	9.52
Average	2	7.818	4.164	0.000	29.051	24.243	23.968
St. Dev.		6.770	4.957	0.000	12.697	3.743	20.447
R.S.D.%		87	120	#DIV/0!	44	15	85
Min		3.031	0.630	0.000	20.072	21.596	9.523
Max		12.605	7.697	0.000	38.029	26.890	38.438
n		2	2	2	2	2	2
Average	2	6.850	7.234	0.000	22.949	25.679	13.093
St. Dev.		7.178	11.296	0.000	10.351	14.533	12.474
R.S.D.%		105	156	#DIV/0!	45	57	95
Min		0.520	0.000	0.000	9.886	15.005	6.243
Max		18.591	29.310	0.000	38.029	53.919	38.438
n		6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	0.00	0.00	33.86	30.82	18.52
3/10/92-3,1-B	3	0.20	0.01	0.00	27.28	24.79	14.03
Average	3	0.102	0.004	0.000	30.571	27.805	16.279
St. Dev.		0.144	0.005	0.000	4.658	4.266	3.178
R.S.D.%		141	141	#DIV/0!	15	15	20
Min		0.000	0.000	0.000	27.277	24.788	14.033
Max		0.204	0.008	0.000	33.864	30.821	18.525
n		2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.00	0.00	41.91	30.25	16.47
3/10/92-3,2-B	3	0.00	0.00	0.00	32.91	21.47	11.01
Average	3	0.000	0.000	0.000	37.407	25.860	13.736
St. Dev.		0.000	0.000	0.000	6.362	6.206	3.862
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	17	24	28
Min		0.000	0.000	0.000	32.908	21.471	11.006
Max		0.000	0.000	0.000	41.905	30.248	16.467
n		2	2	2	2	2	3
Average	3	0.0510	0.0019	0.0000	33.9887	26.8312	15.0076
St. Dev.		0.1019	0.0038	0.0000	6.0250	4.4908	3.2336
R.S.D.%		200	200	#DIV/0!	18	17	22
Min		0.0000	0.0000	0.0000	27.2771	21.4712	11.0056
Max		0.2038	0.0076	0.0000	41.9052	30.8215	18.5246
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB104, ng/l	CB044, ng/l	CB066, ng/l	CB101, ng/l	CB087, ng/l	CB077, ng/l
2/27/92-0,0	0	0.00	0.00	11.19	6.64	2.58	14.17
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	0.000	0.000	5.595	3.320	1.292	7.087
St. Dev.		0.000	0.000	7.912	4.696	1.827	10.023
R.S.D.%		#DIV/0!	#DIV/0!	141	141	141	141
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	11.190	6.641	2.584	14.175
n		2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	0.00	11.95	26.86	7.91	44.36
3/2/92-2,1-B	2	0.00	6.47	30.49	76.34	19.35	96.84
Average	2	0.000	3.236	21.220	51.601	13.633	70.598
St. Dev.		0.000	4.577	13.105	34.985	8.090	37.109
R.S.D.%		#DIV/0!	141	62	68	59	53
Min		0.000	0.000	11.953	26.863	7.913	44.358
Max		0.000	6.473	30.486	76.339	19.354	96.838
n		2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.00	9.56	32.62	5.44	36.88
3/2/92-2,2-B	2	0.00	0.00	15.03	34.29	4.58	35.59
Average	2	0.000	0.000	12.294	33.452	5.010	36.238
St. Dev.		0.000	0.000	3.870	1.183	0.613	0.911
R.S.D.%		#DIV/0!	#DIV/0!	31	4	12	3
Min		0.000	0.000	9.558	32.[illegible]	4.576	35.594
Max		0.000	0.000	15.031	34.289	5.443	36.882
n		2	2	2	2	2	2
3/4/92-2,1-A	2	0.00	20.51	33.23	78.50	37.99	107.66
3/4/92-2,1-b	2	1.02	0.00	20.48	45.13	10.79	47.89
Average	2	0.512	10.256	26.856	61.812	24.389	77.776
St. Dev.		0.724	14.504	9.011	23.599	19.228	42.262
R.S.D.%		141	141	34	38	79	54
Min		0.000	0.000	20.484	45.126	10.793	47.892
Max		1.023	20.512	33.227	78.499	37.986	107.660
n		2	2	2	2	2	2
Average	2	0.171	4.497	20.123	48.955	14.344	61.537
St. Dev.		0.418	8.262	9.834	22.837	12.749	32.049
R.S.D.%		245	184	49	47	89	52
Min		0.000	0.000	9.558	26.863	4.576	35.594
Max		1.023	20.512	33.227	78.499	37.986	107.660
n		6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	0.00	28.94	67.56	14.79	69.52
3/10/92-3,1-B	3	0.00	0.00	18.51	49.25	12.70	54.01
Average	3	0.000	0.000	23.727	58.400	13.743	61.764
St. Dev.		0.000	0.000	7.377	12.947	1.480	10.965
R.S.D.%		#DIV/0!	#DIV/0!	31	22	11	18
Min		0.000	0.000	18.511	49.245	12.696	54.010
Max		0.000	0.000	28.944	67.556	14.789	69.517
n		2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.00	27.98	62.10	16.81	67.47
3/10/92-3,2-B	3	0.00	0.00	20.01	45.85	11.59	47.35
Average	3	0.000	0.000	23.993	53.973	14.198	57.411
St. Dev.		0.000	0.000	5.638	11.489	3.690	14.227
R.S.D.%		#DIV/0!	#DIV/0!	23	21	26	25
Min		0.000	0.000	20.006	45.849	11.589	47.351
Max		0.000	0.000	27.980	62.097	16.807	67.471
n		2	2	2	2	2	2
Average	3	0.0000	0.0000	23.8601	56.1867	13.9705	59.5873
St. Dev.		0.0000	0.0000	5.3630	10.3156	2.3103	10.6709
R.S.D.%		#DIV/0!	#DIV/0!	22	18	17	18
Min		0.0000	0.0000	18.5106	45.8492	11.5891	47.3507
Max		0.0000	0.0000	28.9437	67.5556	16.8072	69.5172
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB154, ng/l	CB118, ng/l	CB188, ng/l	CB153, ng/l	CB105, ng/l	CB138, ng/l
2/27/92-0,0	0	0.00	16.24	2.78	6.09	4.89	0.00
3/10/92-0,0	0	1.06	0.00	0.00	0.00	0.00	0.00
Average	0	0.528	8.121	1.390	3.044	2.445	0.000
St. Dev.		0.746	11.484	1.966	4.304	3.458	0.000
R.S.D.%		141	141	141	141	141	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		1.055	16.241	2.780	6.087	4.890	0.000
n		2	2	2	2	2	2
3/2/92-2,1-A	2	23.64	42.57	0.00	15.99	19.76	26.12
3/2/92-2,1-B	2	50.29	98.88	0.00	47.55	42.05	73.05
Average	2	36.965	70.726	0.000	31.771	30.902	49.586
St. Dev.		18.850	39.813	0.000	22.314	15.761	33.184
R.S.D.%		51	56	#DIV/0!	70	51	67
Min		23.636	42.574	0.000	15.993	19.758	26.121
Max		50.294	98.878	0.000	47.549	42.047	73.050
n		2	2	2	2	2	2
3/2/92-2,2-A	2	21.14	45.90	0.00	16.20	12.48	23.55
3/2/92-2,2-B	2	19.73	49.35	6.47	20.34	13.75	27.74
Average	2	20.438	47.624	3.237	18.268	13.116	25.643
St. Dev.		0.998	2.436	4.577	2.931	0.901	2.964
R.S.D.%		5	5	141	16	7	12
Min		19.733	45.902	0.000	16.196	12.479	23.547
Max		21.144	49.346	6.473	20.340	13.754	27.738
n		2	2	2	2	2	2
3/4/92-2,1-A	2	0.00	41.70	12.68	55.97	59.34	89.69
3/4/92-2,1-B	2	25.47	69.56	8.47	33.22	18.21	41.48
Average	2	12.736	55.632	10.575	44.594	38.772	65.583
St. Dev.		18.012	19.696	2.980	16.085	29.080	34.091
R.S.D.%		141	35	28	36	75	52
Min		0.000	41.704	8.468	33.220	18.209	41.478
Max		25.473	69.559	12.682	55.969	59.335	89.689
n		2	2	2	2	2	2
Average	2	23.380	57.994	4.604	31.544	27.597	46.937
St. Dev.		16.086	22.492	5.427	17.679	18.899	27.887
R.S.D.%		69	39	118	56	68	59
Min		0.000	41.704	0.000	15.993	12.479	23.547
Max		50.294	98.878	12.682	55.969	59.335	89.689
n		6	6	6	6	6	6
3/10/92-3,1-A	3	36.34	97.75	12.05	49.27	31.92	59.05
3/10/92-3,1-B	3	28.44	73.92	9.14	35.32	21.69	41.28
Average	3	32.387	85.832	10.596	42.294	26.805	50.168
St. Dev.		5.588	16.849	2.063	9.862	7.236	12.568
R.S.D.%		17	20	19	23	27	25
Min		28.435	73.918	9.138	35.328	21.689	41.281
Max		36.338	97.746	12.055	49.267	31.922	59.055
n		2	2	2	2	2	2
3/10/92-3,2-A	3	34.95	88.15	11.50	42.57	27.68	56.77
3/10/92-3,2-B	3	25.51	71.11	9.91	35.02	16.07	41.17
Average	3	30.232	79.627	10.704	38.796	21.874	48.971
St. Dev.		6.676	12.047	1.130	5.337	8.205	11.025
R.S.D.%		22	15	11	14	38	23
Min		25.512	71.109	9.905	35.022	16.072	41.175
Max		34.953	88.146	11.503	42.570	27.676	56.767
n		2	2	2	2	2	2
Average	3	31.3094	82.7298	10.6502	40.5448	24.3397	49.5692
St. Dev.		5.1779	9.4834	1.3594	6.7816	6.9283	9.6773
R.S.D.%		17	15	13	17	28	20
Min		25.5116	71.1088	9.1376	35.0224	16.0720	41.1746
Max		36.3378	97.7460	12.0549	49.2669	31.9219	59.0548
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB126, ng/l	CB187, ng/l	CB128, ng/l	CB200, ng/l	CB180, ng/l	CB170, ng/l
2/27/92-0,0	0	1.93	1.20	0.11	0.00	3.25	0.00
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	0.966	0.598	0.054	0.000	1.624	0.000
St. Dev.		1.367	0.846	0.076	0.000	2.297	0.000
R.S.D.%		141	141	141	#DIV/0!	141	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000
Max		1.933	1.196	0.108	0.000	3.248	0.000
n		2	2	2	2	2	2
3/2/92-2,1-A	2	4.34	3.05	6.47	0.00	8.91	0.00
3/2/92-2,1-B	2	5.39	7.67	12.41	0.00	19.37	5.46
Average	2	4.864	5.361	9.442	0.000	14.143	2.730
St. Dev.		0.743	3.261	4.199	0.000	7.398	3.861
R.S.D.%		15	61	44	#DIV/0!	52	141
Min		4.339	3.055	6.472	0.000	8.911	0.000
Max		5.389	7.666	12.411	0.000	19.374	5.460
n		2	2	2	2	2	2
3/2/92-2,2-A	2	2.37	0.15	3.27	0.00	8.38	0.00
3/2/92-2,2-B	2	4.04	2.97	3.69	0.00	9.45	0.00
Average	2	3.204	1.558	3.480	0.000	8.916	0.000
St. Dev.		1.184	1.993	0.298	0.000	0.759	0.000
R.S.D.%		37	128	9	#DIV/0!	9	#DIV/0!
Min		2.367	0.148	3.270	0.000	8.379	0.000
Max		4.041	2.967	3.691	0.000	9.452	0.000
n		2	2	2	2	2	2
3/4/92-2,1-A	2	8.95	11.78	15.52	7.18	24.08	29.84
3/4/92-2,1-B	2	3.73	5.94	4.99	0.00	13.67	0.00
Average	2	6.339	8.858	10.256	3.590	18.873	14.918
St. Dev.		3.691	4.133	7.443	5.077	7.363	21.098
R.S.D.%		58	47	73	141	39	141
Min		3.729	5.935	4.993	0.000	13.667	0.000
Max		8.948	11.780	15.519	7.180	24.079	29.837
n		2	2	2	2	2	2
Average	2	4.802	5.259	7.726	1.197	13.977	5.883
St. Dev.		2.254	4.123	5.057	2.931	6.461	11.936
R.S.D.%		47	78	65	245	46	203
Min		2.367	0.148	3.270	0.000	8.379	0.000
Max		8.948	11.780	15.519	7.180	24.079	29.837
n		6	6	6	6	6	6
3/10/92-3,1-A	3	4.22	8.92	8.49	0.00	19.98	2.98
3/10/92-3,1-B	3	3.47	5.09	6.16	0.00	14.52	0.00
Average	3	3.846	7.005	7.327	0.000	17.248	1.488
St. Dev.		0.525	2.707	1.647	0.000	3.860	2.105
R.S.D.%		14	39	22	#DIV/0!	22	141
Min		3.475	5.091	6.163	0.000	14.519	0.000
Max		4.217	8.919	8.492	0.000	19.977	2.976
n		2	2	2	2	2	2
3/10/92-3,2-A	3	6.49	9.57	9.26	0.00	16.23	0.96
3/10/92-3,2-B	3	2.85	9.69	8.28	0.00	15.31	1.71
Average	3	4.671	9.627	8.771	0.000	15.766	1.332
St. Dev.		2.578	0.083	0.689	0.000	0.650	0.533
R.S.D.%		55	1	8	#DIV/0!	4	40
Min		2.848	9.569	8.283	0.000	15.306	1.955
Max		6.494	9.685	9.258	0.000	16.225	1.709
n		2	2	2	2	2	2
Average	3	4.2584	8.3160	8.0490	0.0000	16.5071	1.4101
St. Dev.		1.5921	2.1764	1.3253	0.0000	2.4164	1.2566
R.S.D.%		37	26	16	#DIV/0!	15	89
Min		2.8477	5.0907	6.1630	0.0000	14.5193	0.0000
Max		6.4942	9.6853	9.2581	0.0000	19.9775	2.9763
n		4	4	4	4	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	CB195, ng/l	CB206, ng/l	CB209, ng/l	CB sum, ng/l	∑ PCB, ng/l
2/27/92-0,0	0	3.56	3.48	2.19	87.77	#REF!
3/10/92-0,0	0	0.00	0.00	0.00	1.06	#REF!
Average	0	1.779	1.742	1.096	44.412	#REF!
St. Dev.		2.516	2.464	1.550	61.315	#REF!
R.S.D. %		141	141	141	138	#REF!
Min		0.000	0.000	0.000	1.055	#REF!
Max		3.558	3.485	2.192	87.768	#REF!
n		2	2	2	2	0
3/2/92-2,1-A	2	0.00	0.00	2.99	298.10	#REF!
3/2/92-2,1-B	2	0.00	7.43	38.05	756.00	#REF!
Average	2	0.000	3.717	20.521	527.052	#REF!
St. Dev.		0.000	5.257	24.787	323.784	#REF!
R.S.D. %		#DIV/0!	141	121	61	#REF!
Min		0.000	0.000	2.994	298.102	#REF!
Max		0.000	7.434	38.048	756.001	#REF!
n		2	2	2	2	0
3/2/92-2,2-A	2	0.00	0.00	0.25	280.76	#REF!
3/2/92-2,2-B	2	0.00	0.00	1.93	290.62	#REF!
Average	2	0.000	0.000	1.094	285.690	#REF!
St. Dev.		0.000	0.000	1.187	6.977	#REF!
R.S.D. %		#DIV/0!	#DIV/0!	109	2	#REF!
Min		0.000	0.000	0.254	280.757	#REF!
Max		0.000	0.000	1.933	290.623	#REF!
n		2	2	2	2	0
3/4/92-2,1-A	2	1.42	3.72	7.46	747.61	#REF!
3/4/92-2,1-B	2	0.00	0.00	3.81	431.96	#REF!
Average	2	0.709	1.858	5.635	589.785	#REF!
St. Dev.		1.002	2.628	2.530	223.195	#REF!
R.S.D. %		141	141	46	38	#REF!
Min		0.000	0.000	3.810	431.962	#REF!
Max		1.418	3.717	7.459	747.608	#REF!
n		2	2	2	2	0
Average	2	0.236	1.859	9.083	467.509	#REF!
St. Dev.		0.579	3.110	14.391	227.073	#REF!
R.S.D. %		245	167	158	49	#REF!
Min		0.000	0.000	0.254	280.757	#REF!
Max		1.418	7.434	38.048	756.001	#REF!
n		6	6	6	6	0
3/10/92-3,1-A	3	0.49	0.00	2.90	598.37	#REF!
3/10/92-3,1-B	3	0.00	0.00	3.22	443.02	#REF!
Average	3	0.243	0.000	3.059	520.692	#REF!
St. Dev.		0.343	0.000	0.225	109.847	#REF!
R.S.D. %		141	#DIV/0!	7	21	#REF!
Min		0.000	0.000	2.900	443.018	#REF!
Max		0.485	0.000	3.218	598.366	#REF!
n		2	2	2	2	0
3/10/92-3,2-A	3	0.00	0.00	1.36	568.45	#REF!
3/10/92-3,2-B	3	4.96	0.00	0.03	431.80	#REF!
Average	3	2.481	0.000	0.692	500.123	#REF!
St. Dev.		3.509	0.000	0.939	96.628	#REF!
R.S.D. %		141	#DIV/0!	136	19	#REF!
Min		0.000	0.000	0.028	431.797	#REF!
Max		4.963	0.000	1.357	568.449	#REF!
n		2	2	2	2	0
Average	3	1.3620	0.0000	1.3756	510.4073	#REF!
St. Dev.		2.4114	0.0000	1.4757	85.2963	#REF!
R.S.D. %		177	#DIV/0!	79	17	#REF!
Min		0.0000	0.0000	0.0281	431.7967	#REF!
Max		4.9628	0.0000	3.2180	598.3657	#REF!
n		4	4	4	4	0

ND = Not Determined

BRH PES 1	Dynes/cm^2	HCB, ng/l	g-HCH, ng/l	HEPT, ng/l	ALDRIN, ng/l	HEPT E, ng/l	OP'DDE, ng/l
2/27/92-0,0	0	NA	NA	NA	NA	NA	NA
3/10/92-0,0	0	0.32	#REF!	0.00	0.00	#REF!	0.00
Average	0	0.315	#REF!	0.000	0.000	#REF!	0.000
St. Dev.		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!
R.S.D. %		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!
Min		0.315	#REF!	0.000	0.000	#REF!	0.000
Max		0.315	#REF!	0.000	0.000	#REF!	0.000
n		1	0	1	1	0	1
3/2/92-2,1-A	2	4.20	#REF!	2.25	0.00	#REF!	0.00
3/2/92-2,1-B	2	4.84	#REF!	4.13	0.00	#REF!	29.59
Average	2	4.521	#REF!	3.193	0.000	#REF!	14.794
St. Dev.		0.449	#REF!	1.332	0.000	#REF!	20.921
R.S.D. %		10	#REF!	42	#DIV/0!	#REF!	141
Min		4.204	#REF!	2.251	0.000	#REF!	0.000
Max		4.839	#REF!	4.135	0.000	#REF!	29.587
n		2	0	2	2	0	2
3/2/92-2,2-A	2	14.91	#REF!	0.00	0.00	#REF!	0.00
3/2/92-2,2-B	2	1.82	#REF!	0.00	0.00	#REF!	6.78
Average	2	8.361	#REF!	0.000	0.000	#REF!	3.389
St. Dev.		9.255	#REF!	0.000	0.000	#REF!	4.793
R.S.D. %		111	#REF!	#DIV/0!	#DIV/0!	#REF!	141
Min		1.817	#REF!	0.000	0.000	#REF!	0.000
Max		14.905	#REF!	0.000	0.000	#REF!	6.778
n		2	0	2	2	0	2
3/4/92-2,1-A	2	NA	NA	NA	NA	NA	NA
3/4/92-2,1-B	2	3.55	#REF!	0.00	0.00	#REF!	0.00
Average	2	3.550	#REF!	0.000	0.000	#REF!	0.000
St. Dev.		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!
R.S.D. %		#DIV/0!	#REF!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!
Min		3.550	#REF!	0.000	0.000	#REF!	0.000
Max		3.550	#REF!	0.000	0.000	#REF!	0.000
n		1	0	1	1	0	1
Average	2	5.863	#REF!	1.277	0.000	#REF!	7.273
St. Dev.		5.179	#REF!	1.871	0.000	#REF!	12.815
R.S.D. %		88	#REF!	147	#DIV/0!	#REF!	176
Min		1.817	#REF!	0.000	0.000	#REF!	0.000
Max		14.905	#REF!	4.135	0.000	#REF!	29.587
n		5	0	5	5	0	5
3/10/92-3,1-A	3	1.55	#REF!	0.00	0.00	#REF!	12.36
3/10/92-3,1-B	3	2.54	#REF!	0.00	0.00	#REF!	9.04
Average	3	2.046	#REF!	0.000	0.000	#REF!	10.698
St. Dev.		0.704	#REF!	0.000	0.000	#REF!	2.349
R.S.D. %		34	#REF!	#DIV/0!	#DIV/0!	#REF!	22
Min		1.549	#REF!	0.000	0.000	#REF!	9.038
Max		2.544	#REF!	0.000	0.000	#REF!	12.359
n		2	0	2	2	0	2
3/10/92-3,2-A	3	2.39	#REF!	0.00	0.00	#REF!	9.21
3/10/92-3,2-B	3	2.50	#REF!	0.00	0.00	#REF!	7.19
Average	3	2.443	#REF!	0.000	0.000	#REF!	8.196
St. Dev.		0.073	#REF!	0.000	0.000	#REF!	1.433
R.S.D. %		3	#REF!	#DIV/0!	#DIV/0!	#REF!	17
Min		2.391	#REF!	0.000	0.000	#REF!	7.185
Max		2.495	#REF!	0.000	0.000	#REF!	9.212
n		2	0	2	2	0	2
Average	3	2.2447	#REF!	0.0000	0.0000	#REF!	9.4484
St. Dev.		0.4584	#REF!	0.0000	0.0000	#REF!	2.1461
R.S.D. %		21	#REF!	#DIV/0!	#DIV/0!	#REF!	23
Min		1.5486	#REF!	0.0000	0.0000	#REF!	7.1854
Max		2.5436	#REF!	0.0000	0.0000	#REF!	12.3589
n		4	0	4	4	0	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	A-CHLDA, ng/l	TRANSNON, ng/l	DIELDRIN, ng/l	PP'DDE, ng/l	OP'DDD, ng/l
2/27/92-0,0	0	NA	NA	NA	NA	NA
3/10/92-0,0	0	#REF!	#REF!	0.00	0.54	0.00
Average	0	#REF!	#REF!	0.000	0.537	0.000
St. Dev.		#REF!	#REF!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#REF!	#REF!	#DIV/0!	#DIV/0!	#DIV/0!
Min		#REF!	#REF!	0.000	0.537	0.000
Max		#REF!	#REF!	0.000	0.537	0.000
n		0	0	1	1	1
3/2/92-2,1-A	2	#REF!	#REF!	NA	22.84	15.62
3/2/92-2,1-B	2	#REF!	#REF!	NA	39.71	33.23
Average	2	#REF!	#REF!	#DIV/0!	31.275	24.424
St. Dev.		#REF!	#REF!	#DIV/0!	11.923	12.457
R.S.D.%		#REF!	#REF!	#DIV/0!	38	51
Min		#REF!	#REF!	0.000	22.844	15.615
Max		#REF!	#REF!	0.000	39.705	33.232
n		0	0	0	2	2
3/2/92-2,2-A	2	#REF!	#REF!	6.43	15.59	34.37
3/2/92-2,2-B	2	#REF!	#REF!	NA	13.62	13.04
Average	2	#REF!	#REF!	6.429	14.605	23.706
St. Dev.		#REF!	#REF!	#DIV/0!	1.391	15.086
R.S.D.%		#REF!	#REF!	#DIV/0!	10	64
Min		#REF!	#REF!	6.429	13.621	13.039
Max		#REF!	#REF!	6.429	15.588	34.373
n		0	0	1	2	2
3/4/92-2,1-A	2	NA	NA	NA	NA	NA
3/4/92-2,1-B	2	#REF!	#REF!	NA	0.00	16.86
Average	2	#REF!	#REF!	#DIV/0!	0.000	16.863
St. Dev.		#REF!	#REF!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#REF!	#REF!	#DIV/0!	#DIV/0!	#DIV/0!
Min		#REF!	#REF!	0.000	0.000	16.860
Max		#REF!	#REF!	0.000	0.000	16.860
n		0	0	6	1	1
Average	2	#REF!	#REF!	6.429	18.352	22.624
St. Dev.		#REF!	#REF!	#DIV/0!	14.517	10.305
R.S.D.%		#REF!	#REF!	#DIV/0!	79	46
Min		#REF!	#REF!	6.429	0.000	13.039
Max		#REF!	#REF!	6.429	39.705	34.373
n		0	0	1	5	5
3/10/92-3,1-A	3	#REF!	#REF!	NA	27.19	24.01
3/10/92-3,1-B	3	#REF!	#REF!	NA	22.07	18.82
Average	3	#REF!	#REF!	#DIV/0!	24.627	21.415
St. Dev.		#REF!	#REF!	#DIV/0!	3.619	3.670
R.S.D.%		#REF!	#REF!	#DIV/0!	15	17
Min		#REF!	#REF!	0.000	22.068	18.820
Max		#REF!	#REF!	0.000	27.186	24.011
n		0	0	0	2	2
3/10/92-3,2-A	3	#REF!	#REF!	NA	25.91	23.13
3/10/92-3,2-B	3	#REF!	#REF!	NA	5.69	16.88
Average	3	#REF!	#REF!	#DIV/0!	15.802	20.004
St. Dev.		#REF!	#REF!	#DIV/0!	14.299	4.423
R.S.D.%		#REF!	#REF!	#DIV/0!	90	22
Min		#REF!	#REF!	0.000	5.691	16.877
Max		#REF!	#REF!	0.000	25.912	23.132
n		0	0	0	2	2
Average	3	#REF!	#REF!	#DIV/0!	20.2140	20.7098
St. Dev.		#REF!	#REF!	#DIV/0!	9.9237	3.4167
R.S.D.%		#REF!	#REF!	#DIV/0!	49	16
Min		#REF!	#REF!	0.0000	5.6906	16.8771
Max		#REF!	#REF!	0.0000	27.1855	24.0106
n		0	0	0	4	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	PP'DDD, ng/l	OP'DDT, ng/l	PP'DDT, ng/l	MIREX, ng/l
2/27/92-0,0	0	NA	NA	NA	NA
3/10/92-0,0	0	0.00	0.00	#REF!	0.00
Average	0	0.000	0.000	#REF!	0.000
St. Dev.		#DIV/0!	#DIV/0!	#REF!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#REF!	#DIV/0!
Min		0.000	0.000	#REF!	0.000
Max		0.000	0.000	#REF!	0.000
n		1	1	0	1
3/2/92-2,1-A	2	42.66	8.43	#REF!	0.49
3/2/92-2,1-B	2	0.00	0.00	#REF!	0.00
Average	2	21.329	4.214	#REF!	0.246
St. Dev.		30.163	5.959	#REF!	0.348
R.S.D.%		141	141	#REF!	141
Min		0.000	0.000	#REF!	0.000
Max		42.657	8.427	#REF!	0.492
n		2	2	0	2
3/2/92-2,2-A	2	0.00	0.00	#REF!	0.00
3/2/92-2,2-B	2	4.65	0.00	#REF!	3.25
Average	2	2.327	0.000	#REF!	1.627
St. Dev.		3.291	0.000	#REF!	2.301
R.S.D.%		141	#DIV/0!	#REF!	141
Min		0.000	0.000	#REF!	0.000
Max		4.654	0.000	#REF!	3.254
n		2	2	0	2
3/4/92-2,1-A	2	NA	NA	NA	NA
3/4/92-2,1-B	2	6.82	4.41	#REF!	0.61
Average	2	6.815	4.408	#REF!	0.611
St. Dev.		#DIV/0!	#DIV/0!	#REF!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#REF!	#DIV/0!
Min		6.815	4.408	#REF!	0.611
Max		6.815	4.408	#REF!	0.611
n		1	1	0	1
Average	2	10.825	2.567	#REF!	0.871
St. Dev.		18.040	3.791	#REF!	1.361
R.S.D.%		167	148	#REF!	156
Min		0.000	0.000	#REF!	0.000
Max		42.657	8.427	#REF!	3.254
n		5	5	0	5
3/10/92-3,1-A	3	0.00	0.00	#REF!	0.00
3/10/92-3,1-B	3	6.26	0.00	#REF!	0.00
Average	3	3.132	0.000	#REF!	0.000
St. Dev.		4.429	0.000	#REF!	0.000
R.S.D.%		141	#DIV/0!	#REF!	#DIV/0!
Min		0.000	0.000	#REF!	0.000
Max		6.263	0.000	#REF!	0.000
n		2	2	0	2
3/10/92-3,2-A	3	3.04	6.52	#REF!	6.69
3/10/92-3,2-B	3	5.04	4.69	#REF!	17.88
Average	3	4.039	5.608	#REF!	12.286
St. Dev.		1.409	1.295	#REF!	7.911
R.S.D.%		35	23	#REF!	64
Min		3.043	4.692	#REF!	6.692
Max		5.036	6.524	#REF!	17.880
n		2	2	0	2
Average	3	3.5855	2.8040	#REF!	6.1431
St. Dev.		2.7340	3.3230	#REF!	8.4367
R.S.D.%		76	119	#REF!	137
Min		0.0000	0.0000	#REF!	0.0000
Max		6.2632	6.5240	#REF!	17.8800
n		4	4	0	4

ND = Not Determined

BRH PES 1	Dynes/cm^2	NAP, ng/l	2MN, ng/l	1MN, ng/l	BIP, ng/l	DMN, ng/l	ACL, ng/l	ACT, ng/l
2/27/92-0,0	0	0.00	0.00	0.00	417.33	50.85	0.00	0.00
3/10/92-0,0	0	422.31	124.20	131.26	0.00	234.07	0.00	0.00
Average	0	211.154	62.101	65.632	208.667	142.460	0.000	0.000
St. Dev.		298.617	87.825	92.817	295.099	129.561	0.000	0.000
R.S.D.%		141	141	141	141	91	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	50.847	0.000	0.000
Max		422.308	124.203	131.264	417.334	234.074	0.000	0.000
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	863.72	327.57	159.04	0.00	559.97	68.17	0.00
Average	2	863.718	327.575	159.039	0.000	559.975	68.174	0.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		863.718	327.575	159.039	0.000	559.975	68.174	0.000
Max		863.718	327.575	159.039	0.000	559.975	68.174	0.000
n		1	1	1	1	1	1	1
3/2/92-2,2-A	2	287.45	0.00	0.00	45.24	121.95	0.00	0.00
3/2/92-2,2-B	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	2	143.726	0.000	0.000	22.618	60.976	0.000	0.000
St. Dev.		203.259	0.000	0.000	31.987	86.234	0.000	0.000
R.S.D.%		141	#DIV/0!	#DIV/0!	141	141	#DIV/0!	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		287.451	0.000	0.000	45.236	121.953	0.000	0.000
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	326.80	1199.00	363.20	1913.00	2018.00	1594.00	722.00
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	326.800	1199.000	363.200	1913.000	2018.000	1594.000	722.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		326.800	1199.000	363.200	1913.000	2018.000	1594.000	722.000
Max		326.800	1199.000	363.200	1913.000	2018.000	1594.000	722.000
n		1	1	1	1	1	1	1
Average	2	369.492	381.644	130.560	489.559	674.982	415.544	180.500
St. Dev.		360.248	566.362	172.264	949.200	927.068	786.295	361.000
R.S.D.%		97	148	132	194	137	189	200
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		863.718	1199.000	363.200	1913.000	2018.000	1594.000	722.000
n		4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	715.48	0.00	0.00	0.00	0.00	0.00	0.00
Average	3	715.475	0.000	0.000	0.000	0.000	0.000	0.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		715.475	0.000	0.000	0.000	0.000	0.000	0.000
Max		715.475	0.000	0.000	0.000	0.000	0.000	0.000
n		1	1	1	1	1	1	1
3/10/92-3,2-A	3	1283.67	0.00	0.00	9.47	86.42	0.00	0.00
3/10/92-3,2-B	3	3566.74	0.00	0.00	0.00	42.50	0.00	0.00
Average	3	2425.205	0.000	0.000	4.735	64.456	0.000	0.000
St. Dev.		1614.374	0.000	0.000	6.697	31.058	0.000	0.000
R.S.D.%		67	#DIV/0!	#DIV/0!	141	48	#DIV/0!	#DIV/0!
Min		1283.671	0.000	0.000	0.000	42.495	0.000	0.000
Max		3566.740	0.000	0.000	9.471	86.418	0.000	0.000
n		2	2	2	2	2	2	2
Average	3	1855.353	0.0000	0.0000	3.1570	42.3709	0.0000	0.0000
St. Dev.		1509.1368	0.0000	0.0000	5.4680	43.2108	0.0000	0.0000
R.S.D.%		81	#DIV/0!	#DIV/0!	173	101	#DIV/0!	#DIV/0!
Min		715.4751	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Max		3566.7400	0.0000	0.0000	9.4709	86.4177	0.0000	0.0000
n		3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	TMN, ng/l	FLU, ng/l	PHE, ng/l	ANT, ng/l	1MP, ng/l	FLA, ng/l	PYR, ng/l
2/2/92-0,0	0	169.38	21.21	109.33	0.00	12.10	26.61	0.00
3/10/92-0,0	0	139.58	0.00	0.00	0.00	0.00	22.96	0.68
Average	0	154.630	10.604	54.666	0.000	6.052	24.785	0.342
St. Dev.		20.862	14.997	77.309	0.000	8.559	2.584	0.483
R.S.D. %		13	141	141	#DIV/0!	141	10	141
Min		139.879	0.000	0.000	0.000	0.000	22.958	0.000
Max		169.382	21.209	109.331	0.000	12.104	26.612	0.683
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	1622.76	46.06	1102.24	341.40	138.71	2076.59	2072.29
Average	2	1622.762	46.064	1102.240	341.399	138.711	2076.589	2072.289
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		1622.762	46.064	1102.240	341.399	138.711	2076.589	2072.289
Max		1622.762	46.064	1102.240	341.399	138.711	2076.589	2072.289
n		1	1	1	1	1	1	1
3/2/92-2,2-A	2	0.00	162.40	1002.48	190.10	264.12	1655.88	1541.09
3/2/92-2,2-B	2	0.00	0.00	404.17	0.00	0.00	1068.40	1130.59
Average	2	0.000	81.198	703.327	95.052	132.060	1362.142	1335.842
St. Dev.		0.000	114.832	423.069	134.424	186.761	415.416	290.264
R.S.D. %		#DIV/0!	141	60	141	141	30	22
Min		0.000	0.000	404.172	0.000	0.000	1068.399	1130.534
Max		0.000	162.397	1002.481	190.105	264.120	1655.885	1541.090
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	2306.00	72.00	536.80	107.00	135.00	513.00	541.00
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	2306.000	72.000	536.800	107.000	135.000	513.000	541.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		2306.000	72.000	536.800	107.000	135.000	513.000	541.000
Max		2306.000	72.000	536.800	107.000	135.000	513.000	541.000
n		1	1	1	1	1	1	1
Average	2	982.190	70.115	761.423	159.626	134.458	1328.468	1321.243
St. Dev.		1167.933	68.347	342.709	144.014	107.873	683.011	647.438
R.S.D. %		119	97	45	90	80	51	49
Min		0.000	0.000	404.172	0.000	0.000	513.000	541.000
Max		2306.000	162.397	1102.240	341.399	264.120	2076.589	2072.289
n		4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	0.00	15.35	579.90	160.66	244.16	1784.43	1852.77
Average	3	0.000	15.354	579.904	160.664	244.165	1784.432	1852.768
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D. %		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.000	15.354	579.904	160.664	244.165	1784.432	1852.768
Max		0.000	15.354	579.904	160.664	244.165	1784.432	1852.768
n		1	1	1	1	1	1	1
3/10/92-3,2-A	3	0.00	0.00	534.20	59.62	176.52	1886.08	2047.58
3/10/92-3,2-B	3	163.45	45.20	1180.52	317.97	504.91	2922.32	2727.36
Average	3	81.724	22.601	857.363	188.795	340.719	2404.203	2387.470
St. Dev.		115.575	31.963	457.015	182.675	232.208	732.734	480.682
R.S.D. %		141	141	53	97	68	30	20
Min		0.000	0.000	534.204	59.624	176.523	1886.082	2047.577
Max		163.447	45.203	1180.521	317.965	504.915	2922.325	2727.363
n		2	2	2	2	2	2	2
Average	3	54.4824	20.1855	764.8764	179.4180	308.5341	2197.6130	2209.2362
St. Dev.		94.3664	22.9855	360.6837	130.1875	173.4009	629.6735	459.1617
R.S.D. %		173	114	47	73	56	29	21
Min		0.0000	0.0000	534.2040	59.6244	176.5230	1784.4322	1852.7684
Max		163.4473	45.2028	1180.5214	317.9653	504.9147	2922.3249	2727.3635
n		3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	BAA, ng/l	CHR, ng/l	BBF, ng/l	BKF, ng/l	BEP, ng/l	BAP, ng/l	PER, ng/l
2/27/92-0,0	0	4.34	0.00	6.78	1.65	45.62	7.69	0.00
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0	2.169	0.000	3.392	0.827	22.810	3.846	0.000
St. Dev.		3.067	0.000	4.797	1.169	32.258	5.439	0.000
R.S.D.%		141	#DIV/0!	141	141	141	141	#DIV/0!
Min		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Max		4.337	0.000	6.784	1.653	45.620	7.692	0.000
n		2	2	2	2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	606.02	712.16	1350.73	865.21	1422.48	501.23	417.46
Average	2	606.022	712.163	1350.734	865.213	1422.479	501.228	417.464
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		606.022	712.163	1350.734	865.213	1422.479	501.228	417.464
Max		606.022	712.163	1350.734	865.213	1422.479	501.228	417.464
n		1	1	1	1	1	1	1
3/2/92-2,2-A	2	629.30	1068.45	920.21	1026.80	727.78	758.40	58.14
3/2/92-2,2-B	2	154.44	308.56	585.71	490.63	600.13	534.96	101.70
Average	2	391.868	688.501	752.962	758.713	663.960	646.681	79.923
St. Dev.		335.775	537.324	236.524	379.132	90.262	157.993	30.800
R.S.D.%		86	78	31	50	14	24	39
Min		154.439	308.556	585.715	490.625	600.135	534.963	58.144
Max		629.297	1068.447	920.210	1026.800	727.785	758.398	101.701
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	296.00	508.00	636.00	508.00	501.00	414.00	114.00
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average	2	296.000	508.000	636.000	508.000	501.000	414.000	114.000
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		296.000	508.000	636.000	508.000	501.000	414.000	114.000
Max		296.000	508.000	636.000	508.000	501.000	414.000	114.000
n		1	1	1	1	1	1	1
Average	2	421.440	649.292	873.165	722.659	812.850	552.147	172.827
St. Dev.		234.023	324.491	350.790	266.296	416.886	146.643	164.842
R.S.D.%		56	50	40	37	51	27	95
Min		154.439	308.556	585.715	490.625	501.000	414.000	58.144
Max		629.297	1068.447	1350.734	1026.800	1422.479	758.398	417.464
n		4	4	4	4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	462.77	1216.82	979.73	780.05	998.62	628.79	98.03
Average	3	462.772	1216.817	979.731	780.047	998.624	628.793	98.035
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		462.772	1216.817	979.731	780.047	998.624	628.793	98.035
Max		462.772	1216.817	979.731	780.047	998.624	628.793	98.035
n		1	1	1	1	1	1	1
3/10/92-3,2-A	3	603.42	1051.15	1006.98	1212.37	1449.35	88.53	188.29
3/10/92-3,2-B	3	1736.35	1737.29	1397.05	1866.00	995.00	243.89	399.99
Average	3	1169.885	1394.220	1202.017	1539.187	1222.175	166.210	294.140
St. Dev.		801.101	485.173	275.818	462.187	321.273	109.856	149.690
R.S.D.%		68	35	23	30	26	66	51
Min		603.421	1051.151	1006.985	1212.371	995.001	88.530	188.293
Max		1736.349	1737.289	1397.050	1866.003	1449.350	243.889	399.986
n		2	2	2	2	2	2	2
Average	3	934.1805	1335.0855	1127.9220	1286.1401	1147.6583	320.4042	228.7715
St. Dev.		698.2488	358.0320	233.4697	546.7235	261.2786	278.1401	154.9921
R.S.D.%		75	27	21	43	23	87	68
Min		462.7718	1051.1506	979.7313	780.0467	995.0009	88.5301	98.0347
Max		1736.3491	1737.2887	1397.0501	1866.0027	1449.3496	628.7931	399.9864
n		3	3	3	3	3	3	3

ND = Not Determined

BRH PES 1	Dynes/cm^2	INP, ng/l	DBA, ng/l	BPE, ng/l	Σ PAHs, ng/l
2/27/92-0,0	0	0.00	0.00	0.00	872.90
3/10/92-0,0	0	0.00	33.63	0.00	1109.00
Average	0	0.000	16.817	0.000	990.954
St. Dev.		0.000	23.783	0.000	166.947
R.S.D.%		#DIV/0!	141	#DIV/0!	17
Min		0.000	0.000	0.000	872.905
Max		0.000	33.634	0.000	1109.003
n		2	2	2	2
3/2/92-2,1-A	2	LOST	LOST	LOST	LOST
3/2/92-2,1-B	2	1535.67	405.46	1574.62	18769.58
Average	2	1535.665	405.461	1574.618	18769.581
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		1535.665	405.461	1574.618	18769.581
Max		1535.665	405.461	1574.618	18769.581
n		1	1	1	1
3/2/92-2,2-A	2	970.59	0.00	1242.71	12673.10
3/2/92-2,2-B	2	12.67	0.00	1092.73	6484.70
Average	2	491.631	0.000	1167.722	9578.902
St. Dev.		677.348	0.000	106.052	4375.856
R.S.D.%		138	#DIV/0!	9	46
Min		12.674	0.000	1092.732	6484.705
Max		970.588	0.000	1242.712	12673.099
n		2	2	2	2
3/4/92-2,1-A	2	437.00	34.60	473.00	16268.40
3/4/92-2,1-B	2	LOST	LOST	LOST	LOST
Average	2	437.000	34.600	473.000	16268.400
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		437.000	34.600	473.000	16268.400
Max		437.000	34.600	473.000	16268.400
n		1	1	1	1
Average	2	738.982	110.015	1095.765	13548.946
St. Dev.		660.066	197.638	461.425	5332.950
R.S.D.%		89	180	42	39
Min		12.674	0.000	473.000	6484.705
Max		1535.665	405.461	1574.618	18769.581
n		4	4	4	4
3/10/92-3,1-A	3	LOST	LOST	LOST	LOST
3/10/92-3,1-B	3	457.70	0.00	617.42	11592.70
Average	3	457.701	0.000	617.417	11592.699
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
R.S.D.%		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		457.701	0.000	617.417	11592.699
Max		457.701	0.000	617.417	11592.699
n		1	1	1	1
3/10/92-3,2-A	3	361.58	747.98	867.57	13660.80
3/10/92-3,2-B	3	26.08	942.60	0.00	20815.22
Average	3	193.830	845.290	433.784	17238.011
St. Dev.		237.239	137.614	613.464	5058.933
R.S.D.%		122	16	141	29
Min		26.076	747.983	0.000	13660.805
Max		361.584	942.598	867.568	20815.217
n		2	2	2	2
Average	3	281.7869	563.5269	494.>952	15356.2399
St. Dev.		226.6065	497.6351	446.5525	4839.3786
R.S.D.%		80	88	90	32
Min		26.0764	0.0000	0.0000	11592.6986
Max		457.7006	942.5979	867.5685	20815.2166
n		3	3	3	3

ND = Not Determined

APPENDIX 2. BLACK ROCK HARBOR PES 2 DATA (BRH PES 2)

BRH PES3	Dynes/cm^2	Time, min	Filter#	Amt Filtered, g	Vol filtered, ml	TSS, mg/L	CB008, ng/g	CB018, ng/g	CB028, ng/g
2/27/92-0,0-A	0	0	4	0.0006	50	12.00	1712.73	0.00	0.00
2/27/92-0,0-B	0	0	5	0.0053	50	106.00	76.68	0.00	0.00
Average				0.003	50	59.00	894.70	0.00	0.00
St. Dev.				0.003	0	66.47	1156.86	0.00	0.00
%RSD				113	0	112.66	129.30	#DIV/0!	#DIV/0!
Min				0.0006	50	12.00	76.68	0.00	0.00
Max				0.0053	50	106.00	1712.73	0.00	0.00
n				2	2	2	2	2	2
3/10/92-0,0	0	0	20	0.0099	100	99.00	7.23	0.00	0.00
3/18/92-0,0	0	0	377	0.0056	100	56.00	LOST	LOST	LOST
3/10&18 not compared									
Average				0.005	75	68.25	598.88	0.00	0.00
St. Dev.				0.004	29	43.53	965.25	0.00	0.00
%RSD				71	38	63.78	161.18	#DIV/0!	#DIV/0!
Min				0.0006	50	12.00	7.23	0.00	0.00
Max				0.0099	100	106.00	1712.73	0.00	0.00
n				4	4	4	3	3	3
3/2/92-2,1-A	2	25	11	0.0667	50	1334.00	10.08	0.00	2.94
3/2/92-2,1-B	2	25	12	0.0679	50	1358.00	5.55	9.46	1.80
Average				0.067	50	1346.00	7.82	4.73	2.37
St. Dev.				0.001	0	16.97	3.20	6.69	0.80
%RSD				1	0	1.26	40.93	141.42	33.86
Min				0.0667	50	1334.00	5.55	0.00	1.80
Max				0.0679	50	1358.00	10.08	9.46	2.94
n				2	2	2	2	2	2
3/2/92-2,2-A	2	50	14	0.0720	50	1440.00	17.14	6.40	0.00
3/2/92-2,2-B	2	50	13	0.0729	50	1458.00	18.18	16.92	0.00
Average				0.072	50	1449.00	17.66	11.66	0.00
St. Dev.				0.001	0	12.73	0.74	7.43	0.00
%RSD				1	0	0.88	4.16	63.74	#DIV/0!
Min				0.0720	50	1440.00	17.14	6.40	0.00
Max				0.0729	50	1458.00	18.18	16.92	0.00
n				2	2	2	2	2	2
3/4/92-3,1-A	2	25	16	0.0426	50	852.00	9.25	11.37	0.00
3/4/92-3,1-B	2	25	17	0.0427	50	854.00	6.17	7.04	0.00
Average				0.043	50	853.00	7.71	9.21	0.00
St. Dev.				0.000	0	1.41	2.18	3.04	0.00
%RSD				0	0	0.17	28.25	33.20	#DIV/0!
Min				0.0426	50	852.00	6.17	7.04	0.00
Max				0.0427	50	854.00	9.25	11.37	0.00
n				2	2	2	2	2	2
Average				0.061	50	1216.00	11.06	8.53	0.79
St. Dev.				0.014	0	285.09	5.41	5.63	1.28
%RSD				23	0	23.44	48.87	66.04	161.44
Min				0.0426	50	852.00	5.55	0.00	0.00
Max				0.0729	50	1458.00	18.18	16.92	2.94
n				6	6	6	6	6	6
3/10/92-3,1-A	3	25	21	0.0509	50	1018.00	1.70	2.43	0.00
3/10/92-3,1-B	3	25	35	0.0496	50	992.00	2.45	3.67	0.00
Average				0.050	50	1005.00	2.07	3.05	0.00
St. Dev.				0.001	0	18.38	0.53	0.88	0.00
%RSD				2	0	1.83	25.62	28.81	#DIV/0!
Min				0.0496	50	992.00	1.70	2.43	0.00
Max				0.0509	50	1018.00	2.45	3.67	0.00
n				2	2	2	2	2	2
3/10/92-3,2-A	3	50	34	0.0559	50	1118.00	0.00	2.36	0.00
3/10/92-3,2-B	3	50	33	0.0519	50	1038.00	1.87	2.04	0.00
Average				0.054	50	1078.00	0.94	2.21	0.00
St. Dev.				0.003	0	56.57	1.32	0.25	0.00
%RSD				5	0	5.25	141.42	11.14	#DIV/0!
Min				0.0519	50	1038.00	0.00	2.04	0.00
Max				0.0559	50	1118.00	1.87	2.38	0.00
n				2	2	2	2	2	2
Average				0.052	50	1041.50	1.51	2.43	0.00
St. Dev.				0.003	0	54.37	1.05	0.71	0.00
%RSD				5	0	5.22	70.00	27.18	#DIV/0!
Min				0.0496	50	992.00	0.00	2.04	0.00
Max				0.0559	50	1118.00	2.45	3.67	0.00
n				4	4	4	4	4	4
4,1-B (Σ1-3)	4	25	Σ36-53	0.5730	50	11460.00	10.17	[illegible]	1.93
3/18/92-4,2-A	4	50	39	0.3777	25	15108.00	6.36	12	0.45
3/18/92-4,2-B	4	50	40	0.3698	25	14792.00	6.65	13.49	0.50
Average				0.374	25	14950.00	6.51	12.85	0.48
St. Dev.				0.006	0	223.45	0.20	0.91	0.04
%RSD				1	0	1.49	3.15	7.77	7.69
Min				0.3698	25	14792.00	6.36	12.21	0.45
Max				0.3777	25	15108.00	6.65	13.49	0.50
n				2	2	2	2	2	2
Average				0.440	33	13766.67	7.73	15.12	0.96
St. Dev.				0.115	14	[illegible]	2.12	3.98	0.84
%RSD				26	43	66	27.42	26.35	87.16
Min				0.3698	25	11460.00	6.36	12.21	0.45
Max				0.5730	50	15108.00	10.17	19.66	1.93
n				3	3	3	3	3	3

ND = Not detected

BRH PES2	Dynes/cm^2	CB050, ng/g	CB028, ng/g	CB052, ng/g	CB104, ng/g	CB044, ng/g	CB066, ng/g	CB101, ng/g	CB087, ng/g
2/27/92-0,0-A	0	65.04	0.00	0.00	0.00	0.00	96.06	109.17	0.00
2/27/92-0,0-B	0	26.59	7.85	0.00	0.00	0.00	4.74	26.46	0.00
Average		45.81	3.93	0.00	0.00	0.00	50.40	67.81	0.00
St. Dev.		27.19	5.55	0.00	0.00	0.00	64.58	58.48	0.00
% RSD		59.35	141.42	#DIV/0!	#DIV/0!	#DIV/0!	128.13	86.25	#DIV/0!
Min		26.59	0.00	0.00	0.00	0.00	4.74	26.46	0.00
Max		65.04	7.85	0.00	0.00	0.00	96.06	109.17	0.00
n		2	2	2	2	2	2	2	2
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		10.54	2.62	0.00	0.00	0.00	33.60	45.21	0.00
St. Dev.		32.70	4.53	0.00	0.00	0.00	54.15	56.95	0.00
% RSD		107.07	173.21	#DIV/0!	#DIV/0!	#DIV/0!	161.15	125.97	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		65.04	7.85	0.00	0.00	0.00	96.06	109.17	0.00
n		3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	69.90	71.84	51.26	0.00	14.31	39.74	92.05	32.68
3/2/92-2,1-B	2	56.93	58.24	46.70	2.61	13.84	38.69	90.23	32.64
Average		63.42	65.04	48.98	1.31	14.08	39.21	91.14	32.66
St. Dev.		9.17	9.62	3.22	1.85	0.33	0.74	1.29	0.03
% RSD		14.46	14.78	6.57	141.42	2.36	1.89	1.41	0.09
Min		56.93	58.24	46.70	0.00	13.84	38.69	90.23	32.64
Max		69.90	71.84	51.26	2.61	14.31	39.74	92.05	32.68
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	59.34	58.93	36.51	4.39	4.09	31.26	88.05	31.42
3/2/92-2,2-B	2	78.97	81.57	67.86	6.59	25.13	46.66	111.38	42.03
Average		69.16	70.25	52.19	5.49	14.61	38.96	99.71	36.72
St. Dev.		13.88	16.01	22.17	1.56	14.88	10.89	16.50	7.51
% RSD		20.07	22.79	42.48	28.35	101.80	27.96	16.54	20.44
Min		59.34	58.93	36.51	4.39	4.09	31.26	88.05	31.42
Max		78.97	81.57	67.86	6.59	25.13	46.66	111.38	42.03
n		2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	64.97	65.73	44.32	0.00	6.40	38.26	89.82	27.98
3/4/92-2,1-B	2	58.47	58.93	44.26	11.61	7.98	37.74	93.79	29.13
Average		61.72	62.33	44.29	5.80	7.19	38.00	91.81	28.56
St. Dev.		4.60	4.89	0.04	8.21	1.12	0.37	2.81	0.82
% RSD		7.45	7.71	0.08	141.42	15.51	0.97	3.06	2.86
Min		58.47	58.93	44.26	0.00	6.40	37.74	89.82	27.98
Max		64.97	65.73	44.32	11.61	7.98	38.26	93.79	29.13
n		2	2	2	2	2	2	2	2
Average		64.77	65.87	48.49	4.20	11.96	38.72	94.22	32.65
St. Dev.		8.47	9.34	10.63	4.44	7.63	4.92	8.63	4.97
% RSD		13.08	14.18	21.93	105.65	63.80	12.70	9.16	15.24
Min		56.93	58.24	36.51	0.00	4.09	31.26	88.05	27.98
Max		78.97	81.57	67.86	11.61	25.13	46.66	111.38	42.03
n		6	6	6	6	6	6	6	6
3/10/92-3,1-A	3	44.46	45.27	31.42	5.87	3.24	30.76	78.34	26.19
3/10/92-3,1-B	3	55.25	55.87	43.51	13.05	5.98	36.40	94.80	29.21
Average		49.85	50.57	37.46	9.46	4.61	33.58	86.57	27.70
St. Dev.		7.63	7.50	8.55	5.08	1.94	3.99	11.64	2.14
% RSD		15.30	14.83	22.83	53.68	42.11	11.87	13.45	7.71
Min		44.46	45.27	31.42	5.87	3.24	30.76	78.34	26.19
Max		55.25	55.87	43.51	13.05	5.98	36.40	94.80	29.21
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	54.38	55.20	44.24	0.00	7.29	35.05	92.09	27.83
3/10/92-3,2-B	3	62.28	60.67	42.55	11.73	0.16	34.04	97.97	30.54
Average		58.33	57.94	43.39	5.87	3.72	34.55	95.03	29.19
St. Dev.		5.58	3.87	1.19	8.30	5.04	0.71	4.16	1.92
% RSD		9.57	6.67	2.75	141.42	135.25	2.05	4.38	6.57
Min		54.38	55.20	42.55	0.00	0.16	34.04	92.09	27.83
Max		62.28	60.67	44.24	11.73	7.29	35.05	97.97	30.54
n		2	2	2	2	2	2	2	2
Average		54.09	54.25	40.43	7.66	4.17	34.06	90.80	28.44
St. Dev.		7.33	6.47	6.05	5.99	3.16	2.40	8.65	1.87
% RSD		13.55	11.92	14.96	78.13	75.79	7.06	9.53	6.56
Min		44.46	45.27	31.42	0.00	0.16	30.76	78.34	26.19
Max		62.28	60.67	44.24	13.05	7.29	36.40	97.97	30.54
n		4	4	4	4	4	4	4	4
4,1-B (Σ1-3)	4	74.67	78.92	58.27	2.79	30.72	45.67	91.11	42.57
3/18/92-4,2-A	4	56.73	59.96	44.34	1.80	21.32	36.67	74.14	34.88
3/18/92-4,2-B	4	53.70	56.73	43.56	1.47	23.76	36.14	71.85	37.09
Average		55.21	58.35	43.95	1.63	22.54	36.40	72.99	35.99
St. Dev.		2.14	2.28	0.55	0.24	1.72	0.37	1.61	1.56
% RSD		3.88	3.91	1.26	14.45	7.63	1.02	2.21	4.34
Min		53.70	56.73	43.56	1.47	21.32	36.14	71.85	34.88
Max		56.73	59.96	44.34	1.80	23.76	36.67	74.14	37.09
n		2	2	2	2	2	2	2	2
Average		61.70	65.21	48.72	2.02	25.27	39.49	79.03	38.18
St. Dev.		11.33	11.99	8.28	0.69	4.88	5.36	10.52	3.96
% RSD		18.37	18.38	16.99	34.12	19.30	13.56	13.31	10.36
Min		53.70	56.73	43.56	1.47	21.32	36.14	71.85	34.88
Max		74.67	78.92	58.27	2.79	30.72	45.67	91.11	42.57
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	CB077, ng/g	CB154, ng/g	CB118, ng/g	CB188, ng/g	CB153, ng/g	CB105, ng/g	CB138, ng/g	CB126, ng/g
2/27/92-0,0-A	0	0.00	391.69	675.05	0.00	217.05	25.04	0.00	0.00
2/27/92-0,0-B	0	0.00	30.00	30.08	0.00	0.00	0.00	0.00	0.00
Average		0.00	210.85	352.56	0.00	108.52	12.52	0.00	0.00
St. Dev.		0.00	255.75	456.06	0.00	153.47	17.71	0.00	0.00
%RSD		#DIV/0!	121.30	129.36	#DIV/0!	141.42	141.42	#DIV/0!	#DIV/0!
Min		0.00	30.00	30.08	0.00	0.00	0.00	0.00	0.00
Max		0.00	391.69	675.05	0.00	217.05	25.04	0.00	0.00
n		2	2	2	2	2	2	2	2
3/10/92-0,0	0	10.00	7.43	4.98	2.82	0.00	0.00	0.00	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		3.33	143.04	236.70	0.94	72.35	8.35	0.00	0.00
St. Dev.		5.77	215.63	379.82	1.63	125.31	14.46	0.00	0.00
%RSD		173.21	150.75	160.46	173.21	173.21	173.21	#DIV/0!	#DIV/0!
Min		0.00	7.43	4.98	0.00	0.00	0.00	0.00	0.00
Max		10.00	391.69	675.05	2.82	217.05	25.04	0.00	0.00
n		3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	7.50	52.18	131.83	16.62	73.92	45.00	88.57	7.21
3/2/92-2,1-B	2	7.59	51.64	132.80	15.30	72.23	46.78	85.79	6.84
Average		7.55	51.91	132.31	15.96	73.08	45.89	87.18	7.03
St. Dev.		0.06	0.38	0.68	0.94	1.19	1.26	1.97	0.26
%RSD		0.85	0.73	0.52	5.86	1.63	2.75	2.26	3.72
Min		7.50	51.64	131.83	15.30	72.23	45.00	85.79	6.84
Max		7.59	52.18	132.80	16.62	73.92	46.78	88.57	7.21
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	5.14	50.10	130.02	15.91	67.46	44.02	88.89	8.49
3/2/92-2,2-B	2	11.48	65.56	82.10	17.49	78.90	55.42	90.64	9.74
Average		8.31	57.83	106.06	16.70	73.18	49.72	89.76	9.12
St. Dev.		4.49	10.93	33.88	1.11	8.09	8.06	1.23	0.88
%RSD		53.99	18.90	31.95	6.66	11.06	16.21	1.37	9.69
Min		5.14	50.10	82.10	15.91	67.46	44.02	88.89	8.49
Max		11.48	65.56	130.02	17.49	78.90	55.42	90.64	9.74
n		2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	3.99	45.06	125.68	15.06	68.39	41.15	78.47	5.90
3/4/92-2,1-B	2	12.38	48.14	127.70	15.86	69.89	42.05	75.92	5.61
Average		8.19	46.60	126.69	15.46	69.14	41.59	77.19	5.75
St. Dev.		5.93	2.18	1.43	0.57	1.06	0.62	1.81	0.20
%RSD		72.45	4.68	1.13	3.67	1.54	1.49	2.34	3.55
Min		3.99	45.06	125.68	15.06	68.39	41.15	75.92	5.61
Max		12.38	48.14	127.70	15.86	69.89	42.05	78.47	5.90
n		2	2	2	2	2	2	2	2
Average		8.02	52.11	121.69	16.04	71.80	45.73	84.71	7.30
St. Dev.		[illegible]	7.08	19.57	0.89	4.22	5.16	6.08	1.58
%RSD		41.75	13.59	16.08	5.58	5.88	11.28	7.18	21.61
Min		3.99	45.06	82.10	15.06	67.46	41.15	75.92	5.61
Max		12.38	65.56	132.80	17.49	78.90	55.42	90.64	9.74
n		[illegible]	6	6	6	6	6	6	6
3/10/92-3,1-A	3	4.31	38.75	115.59	14.92	69.22	37.82	77.13	7.86
3/10/92-3,1-B	3	4.92	45.64	130.79	16.05	72.61	43.34	82.66	6.70
Average		4.62	42.20	123.19	15.49	70.91	40.58	79.90	7.28
St. Dev.		[illegible]	4.87	10.75	0.80	2.40	3.90	3.91	0.82
%RSD		9.43	11.54	8.73	5.14	3.38	9.62	4.90	11.22
Min		4.31	38.75	115.59	14.92	69.22	37.82	77.13	6.70
Max		4.92	45.64	[illegible]	16.05	72.61	43.34	82.66	7.86
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	[illegible]	42.34	130.30	16.46	76.10	43.51	77.23	5.12
3/10/92-3,2-B	3	2.42	52.65	144.08	17.94	73.48	48.21	86.20	7.43
Average		3.45	47.50	137.19	17.20	74.79	45.86	81.72	6.28
St. Dev.		1.18	7.29	9.74	1.05	1.85	3.33	6.34	1.63
%RSD		34.21	15.36	7.10	6.11	2.48	7.25	7.76	26.00
Min		2.42	42.34	130.30	16.46	73.48	43.51	77.23	5.12
Max		4.29	52.65	144.08	17.94	76.10	48.21	86.20	7.43
n		2	2	2	2	2	2	2	2
Average		4.08	44.85	130.19	16.34	72.85	43.22	80.81	6.78
St. Dev.		0.99	5.92	11.64	1.25	2.84	4.25	4.43	1.20
%RSD		24.32	13.19	8.94	7.64	3.90	9.83	5.48	17.73
Min		2.42	38.75	115.59	14.92	69.22	37.82	77.13	5.12
Max		4.92	52.65	144.08	17.94	76.10	48.21	86.20	7.86
n		4	4	4	4	4	4	4	4
4,1-B ([illegible])	4	12.11	60.04	138.04	14.30	70.80	62.21	92.37	5.76
3/18/92-4,2-A	4	9.08	48.73	115.43	12.39	62.55	50.18	81.75	6.01
3/18/92-4,2-B	4	10.24	53.66	118.75	12.13	62.38	56.21	10.31	6.32
Average		9.66	51.19	117.09	12.26	62.47	53.20	46.03	6.17
St. Dev.		0.82	3.49	2.35	0.18	0.12	4.26	50.52	0.22
%RSD		8.49	6.81	2.00	1.48	0.19	8.02	109.74	3.56
Min		9.08	48.73	115.43	12.13	62.38	50.18	10.31	6.01
Max		10.24	53.66	118.75	12.39	62.55	56.21	81.75	6.32
n		2	2	2	2	2	2	2	2
Average		10.48	54.14	[illegible]	12.94	65.24	56.20	61.48	6.03
St. Dev.		[illegible]	5.67	12.21	1.19	4.81	6.01	44.63	0.28
%RSD		[illegible]	[illegible]	9.84	9.16	7.38	10.70	72.59	4.64
Min		9.08	[illegible]	115.43	12.13	62.38	50.18	10.31	5.76
Max		12.11	[illegible]	138.04	14.30	70.80	62.21	92.37	6.32
n		[illegible]	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	CB187, ng/g	CB128, ng/g	CB200, ng/g	CB180, ng/g	CB170, ng/g	CB156, ng/g	CB206, ng/g	CB209, ng/g
2/27/92-0,0-A	0	0.00	0.00	0.00	66.43	0.00	0.00	0.00	0.00
2/27/92-0,0-B	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average		0.00	0.00	0.00	33.22	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	46.97	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	66.43	0.00	0.00	0.00	0.00
n		2	2	2	2	2	2	2	2
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		0.00	0.00	0.00	22.14	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	38.35	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	173.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	66.43	0.00	0.00	0.00	0.00
n		3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	20.54	12.68	0.00	27.47	18.94	4.95	3.83	5.04
3/2/92-2,1-B	2	18.61	12.72	0.00	28.84	9.24	2.92	1.85	4.92
Average		19.57	12.70	0.00	28.15	14.09	3.93	2.84	4.98
St. Dev.		1.37	0.03	0.00	0.97	6.85	1.44	1.40	0.09
% RSD		6.99	0.26	#DIV/0!	3.43	48.65	36.55	49.30	1.78
Min		18.61	12.68	0.00	27.47	9.24	2.92	1.85	4.92
Max		20.54	12.72	0.00	28.84	18.94	4.95	3.83	5.04
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	15.78	11.05	0.00	26.22	14.27	10.73	0.13	8.87
3/2/92-2,2-B	2	19.86	16.76	4.50	29.41	16.05	4.89	2.79	4.51
Average		17.82	13.90	2.25	27.82	15.16	7.81	1.46	6.69
St. Dev.		2.89	4.04	3.18	2.26	1.25	4.13	1.88	3.08
% RSD		16.20	29.05	141.42	8.11	8.26	52.84	129.08	46.10
Min		15.78	11.05	0.00	26.22	14.27	4.89	0.13	4.51
Max		19.86	16.76	4.50	29.41	16.05	10.73	2.79	8.87
n		2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	16.36	10.15	0.00	26.05	7.73	6.09	0.00	2.60
3/4/92-2,1-B	2	14.16	10.60	0.00	26.60	4.58	6.49	0.30	2.47
Average		15.26	10.38	0.00	26.33	6.16	6.29	0.15	2.54
St. Dev.		1.56	0.32	0.00	0.39	2.23	0.28	0.21	0.09
% RSD		10.20	3.07	#DIV/0!	1.47	36.23	4.45	141.42	3.53
Min		14.16	10.15	0.00	26.05	4.58	6.09	0.00	2.47
Max		16.36	10.60	0.00	26.60	7.73	6.49	0.30	2.60
n		2	2	2	2	2	2	2	2
Average		17.55	12.33	0.75	27.43	11.80	6.01	1.48	4.74
St. Dev.		2.51	2.42	1.84	1.41	5.48	2.62	1.60	2.32
% RSD		14.28	19.62	244.95	5.14	46.46	43.66	107.83	49.01
Min		14.16	10.15	0.00	26.05	4.58	2.92	0.00	2.47
Max		20.54	16.76	4.50	29.41	18.94	10.73	3.83	8.87
n		6	6	6	6	6	6	6	6
3/10/92-3,1-A	3	16.09	14.44	0.00	26.90	8.93	4.99	3.00	4.26
3/10/92-3,1-B	3	18.43	10.10	0.00	28.49	16.00	7.11	10.58	7.06
Average		17.26	12.27	0.00	27.69	12.46	6.05	6.79	5.66
St. Dev.		1.65	3.07	0.00	1.13	4.98	1.50	5.36	1.98
% RSD		9.59	25.02	#DIV/0!	4.07	40.07	24.83	78.95	34.92
Min		16.09	10.10	0.00	26.90	8.93	4.99	3.00	4.26
Max		18.43	14.44	0.00	28.49	16.00	7.11	10.58	7.06
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	17.71	10.86	0.00	28.31	8.47	4.71	1.10	3.81
3/10/92-3,2-B	3	16.43	11.73	0.00	29.48	15.77	7.66	1.44	10.27
Average		17.07	11.29	0.00	28.89	12.12	6.18	1.27	7.04
St. Dev.		0.90	0.62	0.00	0.83	5.16	2.09	0.24	4.57
% RSD		5.29	5.47	#DIV/0!	2.88	42.56	33.75	19.12	64.85
Min		16.43	10.86	0.00	28.31	8.47	4.71	1.10	3.81
Max		17.71	11.73	0.00	29.48	15.77	7.66	1.44	10.27
n		2	2	2	2	2	2	2	2
Average		17.16	11.78	0.00	28.29	12.29	6.12	4.05	6.35
St. Dev.		1.09	1.89	0.00	1.07	4.15	1.49	4.44	2.98
% RSD		6.37	16.06	#DIV/0!	3.77	33.76	24.31	110.27	46.94
Min		16.09	10.10	0.00	26.90	8.47	4.71	1.10	3.81
Max		18.43	14.44	0.00	29.48	16.00	7.66	10.58	10.27
n		4	4	4	4	4	4	4	4
4,1-3) (Σ1-3)	4	19.33	17.73	4.05	29.01	16.19	5.90	6.41	4.38
3/18/92-4,1-A	4	17.24	14.28	1.98	27.43	14.38	4.83	9.32	3.87
3/18/92-4,2-B	4	17.37	16.24	1.99	28.12	15.83	4.43	6.20	4.10
Average		17.31	15.26	2.99	27.77	15.11	4.63	7.76	3.98
St. Dev.		0.09	1.39	1.41	0.49	1.02	0.28	2.20	0.16
% RSD		0.54	9.10	47.07	1.76	6.77	6.12	28.39	4.08
Min		17.24	14.28	1.99	27.43	14.38	4.43	6.20	3.87
Max		17.37	16.24	3.98	28.12	15.83	4.83	9.32	4.10
n		2	2	2	2	2	2	2	2
Average		17.97	16.08	3.34	28.18	15.47	5.05	7.31	4.12
St. Dev.		1.15	1.73	1.17	0.79	0.96	0.76	1.74	0.26
% RSD		6.41	10.78	35.00	2.81	6.18	14.97	23.86	6.28
Min		17.24	14.28	1.99	27.43	14.38	4.43	6.20	3.87
Max		19.30	17.73	4.05	29.01	16.19	5.90	9.32	4.38
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PSS2	Dynes/cm^2	CB mm, ng/g	HCB, ng/g	HEPT, ng/g	ALDRIN, ng/g	OP'DDE, ng/g	DIELDRIN, ng/g	PP'DDE, ng/g
2/27/92-0,0-A	0	3358.25	1680.56	0.00	0.00	0.00	4.20	0.00
2/27/92-0,0-B	0	202.39	109.64	0.00	0.00	0.00	3.27	36.53
Average		1780.32	895.10	0.00	0.00	0.00	3.74	18.26
St. Dev.		2231.53	1110.81	0.00	0.00	0.00	0.66	25.83
%RSD		125.34	124.10	#DIV/0!	#DIV/0!	#DIV/0!	17.58	141.42
Min		202.39	109.64	0.00	0.00	0.00	3.27	0.00
Max		3358.25	1680.56	0.00	0.00	0.00	4.20	36.53
n		2	2	2	2	2	2	2
3/10/92-0,0	0	32.46	79.43	0.00	9.15	0.00	6.84	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared								
Average		1197.70	623.21	0.00	3.05	0.00	4.77	12.18
St. Dev.		1873.02	915.82	0.00	5.28	0.00	1.85	21.09
%RSD		156.38	146.95	#DIV/0!	173.21	#DIV/0!	38.81	173.21
Min		32.46	79.43	0.00	0.00	0.00	3.27	0.00
Max		3358.25	1680.56	0.00	9.15	0.00	6.84	36.53
n		3	3	3	3	3	3	3
3/2/92-2,1-A	2	[illegible]08	[illegible]6.52	0.00	9.20	12.14	11.13	19.20
3/2/92-2,1-B	2	85[illegible].78	[illegible].38	0.00	0.00	19.67	11.02	20.99
Average		877.93	26.45	0.00	4.60	15.91	11.07	20.10
St. Dev.		32.74	28.38	0.00	6.51	5.32	0.08	1.26
%RSD		3.73	107.32	#DIV/0!	141.42	33.45	0.68	6.28
Min		854.78	6.38	0.00	0.00	12.14	11.02	19.20
Max		901.08	46.52	0.00	9.20	19.67	11.13	20.99
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	834.61	17.65	0.00	0.00	18.50	11.73	39.83
3/2/92-2,2-B	2	1005.38	19.36	0.00	0.00	28.25	13.92	54.41
Average		920.00	18.51	0.00	0.00	23.37	12.82	47.12
St. Dev.		120.75	1.21	0.00	0.00	6.90	1.54	10.31
%RSD		13.13	6.55	#DIV/0!	#DIV/0!	29.50	12.04	21.88
Min		834.61	17.65	0.00	0.00	18.50	11.73	39.83
Max		1005.38	19.36	0.00	0.00	28.25	13.92	54.41
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	810.78	26.44	0.00	0.00	13.64	9.73	0.00
3/4/92-2,1-B	2	817.87	32.16	0.00	0.00	15.89	10.12	0.00
Average		814.32	29.30	0.00	0.00	14.76	9.92	0.00
St. Dev.		5.01	4.05	0.00	0.00	1.60	0.27	0.00
%RSD		0.62	13.81	#DIV/0!	#DIV/0!	10.81	2.76	#DIV/0!
Min		810.78	26.44	0.00	0.00	13.64	9.73	0.00
Max		817.87	32.16	0.00	0.00	15.89	10.12	0.00
n		2	2	2	2	2	2	2
Average		870.75	24.75	0.00	1.53	18.01	11.27	22.40
St. Dev.		73.48	13.77	0.00	3.76	5.76	1.48	21.65
%RSD		8.44	55.65	#DIV/0!	244.95	31.97	13.13	96.64
Min		810.78	6.38	0.00	0.00	12.14	9.73	0.00
Max		1005.38	46.52	0.00	9.20	28.25	13.92	54.41
n		6	6	6	6	6	6	6
3/10/92-3,1-A	3	713.87	10.56	0.00	0.00	8.42	3.92	29.54
3/10/92-3,1-B	3	840.68	36.24	0.00	0.00	10.93	10.06	34.19
Average		777.28	23.40	0.00	0.00	9.67	6.99	31.86
St. Dev.		89.67	18.16	0.00	0.00	1.78	4.34	3.29
%RSD		11.54	77.58	#DIV/0!	#DIV/0!	18.37	62.14	10.33
Min		713.87	10.56	0.00	0.00	8.42	3.92	29.54
Max		840.68	36.24	0.00	0.00	10.93	10.06	34.19
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	788.78	18.06	0.00	0.00	9.23	9.53	31.57
3/10/92-3,2-B	3	869.26	20.30	0.00	0.00	11.67	12.03	37.84
Average		829.02	19.18	0.00	0.00	10.45	10.78	34.71
St. Dev.		56.91	1.58	0.00	0.00	1.73	1.77	4.43
%RSD		6.86	8.24	#DIV/0!	#DIV/0!	16.53	16.43	12.78
Min		788.78	18.06	0.00	0.00	9.23	9.53	31.57
Max		869.26	20.30	0.00	0.00	11.67	12.03	37.84
n		2	2	2	2	2	2	2
Average		808.15	21.29	0.00	0.00	10.06	8.88	33.29
St. Dev.		60.21	10.80	0.00	0.00	1.50	3.48	3.59
%RSD		8.49	50.73	#DIV/0!	#DIV/0!	14.90	39.18	10.77
Min		713.87	10.56	0.00	0.00	8.42	3.92	29.54
Max		869.26	36.24	0.00	0.00	11.67	12.03	37.84
n		4	4	4	4	4	4	4
4,1-B (C1-5)	4	1015.07	6.83	0.89	0.00	34.32	14.28	54.68
3/18/92-4,2-A	4	830.32	5.56	0.48	0.00	21.95	7.97	43.62
3/18/92-4,2-B	4	769.25	4.62	0.52	0.00	26.35	8.48	48.62
Average		799.78	5.09	0.50	0.00	24.15	8.22	46.12
St. Dev.		43.18	0.66	0.03	0.00	3.11	0.36	3.53
%RSD		5.40	13.00	5.31	#DIV/0!	12.86	4.35	7.66
Min		769.25	4.62	0.48	0.00	21.95	7.97	43.62
Max		830.32	5.56	0.52	0.00	26.35	8.48	48.62
n		2	2	2	2	2	2	2
Average		871.55	5.67	0.63	0.00	27.54	10.24	48.98
St. Dev.		127.99	1.11	0.22	0.00	6.27	3.51	5.56
%RSD		14.69	19.55	35.88	#DIV/0!	22.77	34.22	11.31
Min		769.25	4.62	0.48	0.00	21.95	7.97	43.62
Max		1015.07	6.83	0.89	0.00	34.32	14.28	54.68
n		3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	OP'DDD, ng/g	PP'DDD, ng/g	OP'DDT, ng/g	MIREX, ng/g	NAP, ng/g	2MN, ng/g	1MN, ng/g	BP, ng/g
2/27/92-0,0-A	0	68.07	2148.62	0.00	20.23	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	18.63	84.26	0.00	0.00	460.00	0.00	0.00	3100.98
Average		43.35	1116.44	0.00	10.11	460.00	0.00	0.00	3100.98
St. Dev.		34.96	1459.72	0.00	14.30	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		80.64	130.75	#DIV/0!	141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		18.63	84.26	0.00	0.00	460.00	0.00	0.00	3100.98
Max		68.07	2148.62	0.00	20.23	460.00	0.00	0.00	3100.98
n		2	2	2	2	1	1	1	1
3/10/92-0,0	0	4.61	10.62	0.00	0.00	0.00	0.00	0.00	561.73
3/18/92-0,0	0	LOST	LOST	LOST	LOST	1813.22	0.00	0.00	0.00
3/10&18 not compared									
Average		30.44	747.83	0.00	6.74	757.74	0.00	0.00	1220.90
St. Dev.		33.33	1213.68	0.00	11.68	942.57	0.00	0.00	1652.24
%RSD		109.52	162.29	#DIV/0!	173.21	124.39	#DIV/0!	#DIV/0!	135.33
Min		4.61	10.62	0.00	0.00	0.00	0.00	0.00	0.00
Max		68.07	2148.62	0.00	20.23	1813.22	0.00	0.00	3100.98
n		3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	32.40	14.97	6.09	3.33	632.48	171.05	0.00	158.39
3/2/92-2,1-B	2	32.07	5.48	6.69	1.47	752.73	284.07	0.00	121.15
Average		32.24	10.23	6.39	2.40	692.60	227.56	0.00	139.77
St. Dev.		0.24	6.71	0.43	1.31	85.03	79.92	0.00	26.34
%RSD		0.73	65.61	6.67	54.64	12.28	35.12	#DIV/0!	18.84
Min		32.07	5.48	6.09	1.47	632.48	171.05	0.00	121.15
Max		32.40	14.97	6.69	3.33	752.73	284.07	0.00	158.39
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	31.11	13.33	6.84	10.03	492.80	327.20	260.02	607.80
3/2/92-2,2-B	2	40.71	13.61	0.00	3.91				
Average		35.91	13.47	3.42	6.97	492.80	327.20	260.02	607.80
St. Dev.		6.79	0.20	4.84	4.32	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		18.90	1.45	141.42	62.03	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		31.11	13.33	0.00	3.91	492.80	327.20	260.02	607.80
Max		40.71	13.61	6.84	10.03	492.80	327.20	260.02	607.80
n		2	2	2	2	1	1	1	1
3/4/92-2,1-A	2	27.98	10.42	4.40	5.26	546.16	54.39	11.75	268.91
3/4/92-2,1-B	2	29.89	10.62	8.99	3.79	514.22	70.45	24.66	130.16
Average		28.94	10.52	6.70	4.53	530.19	62.42	18.21	199.53
St. Dev.		1.35	0.14	3.24	1.04	22.59	11.36	9.12	98.11
%RSD		4.68	1.36	48.42	23.03	4.26	18.19	50.11	49.17
Min		27.98	10.42	4.40	3.79	514.22	54.39	11.75	130.16
Max		29.89	10.62	8.99	5.26	546.16	70.45	24.66	268.91
n		2	2	2	2	2	2	2	2
Average		32.36	11.40	5.50	4.63	587.68	181.43	59.29	257.28
St. Dev.		4.40	3.40	3.07	2.91	106.50	122.85	112.67	204.42
%RSD		13.59	29.85	55.83	62.86	18.12	67.70	190.05	79.53
Min		27.98	5.48	0.00	1.47	492.80	54.39	0.00	121.15
Max		40.71	14.97	8.99	10.03	752.73	327.20	260.02	607.80
n		6	6	6	6	5	5	5	5
3/10/92-3,1-A	3	24.07	4.65	0.00	2.95	562.11	146.34	0.00	26.30
3/10/92-3,1-B	3	28.34	10.80	6.11	5.20	1888.99	114.85	108.17	201.87
Average		26.20	7.72	3.06	4.08	1225.55	130.59	54.08	114.08
St. Dev.		3.02	4.35	4.32	1.59	938.25	22.27	76.49	124.14
%RSD		11.54	56.30	141.42	38.95	76.56	17.05	141.42	108.82
Min		24.07	4.65	0.00	2.95	562.11	114.85	0.00	26.30
Max		28.34	10.80	6.11	5.20	1888.99	146.34	108.17	201.87
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	26.29	8.15	0.00	2.58	467.67	634.53	274.42	371.70
3/10/92-3,2-B	3	32.70	20.59	11.82	13.14	559.05	137.63	64.93	101.83
Average		29.49	14.37	5.91	7.86	513.35	386.08	169.67	236.76
St. Dev.		4.53	8.80	8.36	7.46	64.60	351.36	148.13	190.83
%RSD		15.36	61.21	141.42	94.98	12.58	91.01	87.30	80.60
Min		26.29	8.15	0.00	2.58	467.67	137.63	64.93	101.83
Max		32.70	20.59	11.82	13.14	559.05	634.53	274.42	371.70
n		2	2	2	2	2	2	2	2
Average		27.85	11.05	4.48	5.97	869.45	258.34	111.88	175.42
St. Dev.		3.87	6.84	5.68	4.92	681.10	251.15	117.12	149.31
%RSD		13.19	61.93	126.63	82.40	78.34	97.22	104.69	85.11
Min		24.07	4.65	0.00	2.58	467.67	114.85	0.00	26.30
Max		32.70	20.59	11.82	13.14	1888.99	634.53	274.42	371.70
n		4	4	4	4	4	4	4	4
4,1-B (Σ1-3)	4	37.28	18.71	6.89	1.92	303.88	173.31	129.67	62.99
3/18/92-4,2-A	4	30.26	5.00	5.24	1.07	320.30	155.72	82.36	71.78
3/18/92-4,2-B	4	33.32	5.17	5.67	1.15	105.17	40.30	22.11	49.67
Average		31.79	5.08	5.45	1.11	212.73	98.01	52.23	60.72
St. Dev.		2.17	0.12	0.30	0.05	152.12	81.62	42.60	15.63
%RSD		6.81	2.45	5.56	4.68	71.51	83.27	81.56	25.75
Min		30.26	5.00	5.24	1.07	105.17	40.30	22.11	49.67
Max		33.32	5.17	5.67	1.15	320.30	155.72	82.36	71.78
n		2	2	2	2	2	2	2	2
Average		33.62	9.62	5.93	1.38	243.11	123.11	78.04	61.48
St. Dev.		5.52	7.87	0.86	0.47	119.75	72.25	53.91	11.13
%RSD		10.48	81.73	14.47	33.79	49.26	58.69	69.08	18.11
Min		30.26	5.00	5.24	1.07	105.17	40.30	22.11	49.67
Max		37.28	18.71	6.89	1.92	320.30	173.31	129.67	71.78
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	DMN, ng/g	ACL, ng/g	ACT, ng/g	TMN, ng/g	FLU, ng/g	PHE, ng/g	ANT, ng/g	1MP, ng/g	FLA, ng/g
2/27/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	10118.62	0.00	792.74	78240.01	7322.45	42428.19	2784.07	38090.12	3622.23
Average		10118.62	0.00	792.74	78240.01	7322.45	42428.19	2784.07	38090.12	3622.23
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		10118.62	0.00	792.74	78240.01	7322.45	42428.19	2784.07	38090.12	3622.23
Max		10118.62	0.00	792.74	78240.01	7322.45	42428.19	2784.07	38090.12	3622.23
n		1	1	1	1	1	1	1	1	1
3/10/92-0,0	0	0.00	0.00	0.00	0.00	12.35	0.00	0.00	18.52	0.00
3/18/92-0,0	0	0.00	0.00	0.00	996.78	0.00	0.00	34.86	0.00	0.00
3/10&18 not compared										
Average		3372.87	0.00	264.25	26412.27	2444.93	14142.73	939.64	12702.88	1207.41
St. Dev.		5841.99	0.00	457.69	44886.91	4224.06	24495.93	1597.41	21986.00	2091.30
%RSD		173.21	#DIV/0!	173.21	169.95	172.77	173.21	170.00	173.08	173.21
Min		.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		10118.62	0..	792.74	78240.01	7322.45	42428.19	2784.07	38090.12	3622.23
n		3	3	3	3	3	3	3	3	3
3/2, 2-2,1-A	2	33.52	168.23	0.00	0.00	195.44	1502.13	401.17	613.56	3244.81
3/2/92-2,1-B	2	20.82	416.01	0.00	77.61	102.07	1097.72	429.15	292.93	2951.76
Average		27.17	292.12	0.00	38.81	148.75	1299.92	415.16	453.24	3098.29
St. Dev.		8.98	175.21	0.00	54.88	66.02	285.96	19.79	226.72	207.22
%RSD		33.05	59.98	#DIV/0!	141.42	44.38	22.00	4.77	50.02	6.69
Min		20.82	168.23	0.00	0.00	102.07	1097.72	401.17	292.93	2951.76
Max		33.52	416.01	0.00	77.61	195.44	1502.13	429.15	613.56	3244.81
n		2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	1635.90	52.63	0.00	2366.50	292.20	3232.00	327.90	4186.00	3111.72
3/2/92-2,2-B	2									
Average		1635.90	52.63	0.00	2366.50	292.20	3232.00	327.90	4186.00	3111.72
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		1635.90	52.63	0.00	2366.50	292.20	3232.00	327.90	4186.00	3111.72
Max		1635.90	52.63	0.00	2366.50	292.20	3232.00	327.90	4186.00	3111.72
n		1	1	1	1	1	1	1	1	1
3/4/92-2,1-A	2	239.99	7.84	0.00	255.96	181.67	1318.67	387.87	216.43	3599.42
3/4/92-2,1-B	2	410.18	129.05	0.00	0.00	173.04	1174.60	319.59	378.89	2760.51
Average		325.09	68.44	0.00	127.98	177.35	1246.64	353.73	297.66	3179.97
St. Dev.		120.34	85.71	0.00	180.99	6.11	101.87	48.28	114.87	593.20
%RSD		37.02	125.23	#DIV/0!	141.42	3.44	8.17	13.65	38.59	18.65
Min		239.99	7.84	0.00	0.00	173.04	1174.60	319.59	216.43	2760.51
Max		410.18	129.05	0.00	255.96	181.67	1318.67	387.87	378.89	3599.42
n		2	2	2	2	2	2	2	2	2
Average		468.08	154.75	0.00	540.01	188.88	1665.02	373.13	1137.56	3133.64
St. Dev.		672.32	158.99	0.00	1026.35	68.11	889.42	47.58	1710.63	317.05
%RSD		143.63	102.74	#DIV/0!	190.06	36.06	53.42	12.75	150.38	10.12
Min		20.82	7.84	0.00	0.00	102.07	1097.72	319.59	216.43	2760.51
Max		1635.90	416.01	0.00	2366.50	292.20	3232.00	429.15	4186.00	3599.42
n		5	5	5	5	5	5	5	5	5
3/10/92-3,1-A	3	178.35	90.61	0.00	0.00	55.35	1119.50	369.20	236.53	3463.10
3/10/92-3,1-B	3	297.76	61.93	0.00	0.00	175.80	1206.75	375.05	362.52	4518.44
Average		238.05	76.27	0.00	0.00	115.57	1163.12	372.13	299.53	3990.77
St. Dev.		84.44	20.28	0.00	0.00	85.17	61.70	4.14	89.09	746.23
%RSD		35.47	26.59	#DIV/0!	#DIV/0!	73.69	5.30	1.11	29.74	18.70
Min		178.35	61.93	0.00	0.00	55.35	1119.50	369.20	236.53	3463.10
Max		297.76	90.61	0.00	0.00	175.80	1206.75	375.05	362.52	4518.44
n		2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	917.32	769.17	199.33	749.50	134.35	1063.57	301.01	311.21	2591.43
3/10/92-3,2-B	3	308.57	19.13	0.00	87.11	33.25	981.07	275.79	424.60	3844.34
Average		612.95	394.15	99.66	418.30	83.80	1022.32	288.40	367.91	2917.89
St. Dev.		430.45	530.36	140.95	468.38	71.69	58.34	17.83	80.18	461.68
%RSD		70.23	134.56	141.42	111.97	85.57	5.71	6.18	21.79	15.82
Min		308.57	19.13	0.00	87.11	33.25	981.07	275.79	311.21	2591.43
Max		917.32	769.17	199.33	749.50	134.35	1063.57	301.01	424.60	3244.34
n		2	2	2	2	2	2	2	2	2
Average		425.50	235.21	49.83	209.15	99.69	1092.72	330.26	333.72	3454.33
St. Dev.		333.15	357.18	99.66	362.56	66.77	94.93	49.48	79.67	800.23
%RSD		78.30	151.86	200.00	173.35	66.98	8.69	14.98	23.87	23.17
Min		178.35	19.13	0.00	0.00	33.25	981.07	275.79	236.53	2591.43
Max		917.32	769.17	199.33	749.50	175.80	1206.75	375.05	424.60	4518.44
n		4	4	4	4	4	4	4	4	4
4,1-B (2,1-3)	4	187.74	841.53	62.90	191.19	194.84	1508.20	755.62	420.76	2727.27
3/18/92-4,2-A	4	130.25	184.53	91.14	264.54	265.32	1810.07	574.54	377.16	3273.46
3/18/92-4,2-B	4	69.05	133.94	34.40	45.44	193.68	1534.94	445.61	353.57	3226.11
Average		99.65	159.24	82.77	154.99	229.50	1672.51	510.08	365.36	3249.79
St. Dev.		43.27	35.78	40.12	154.93	50.65	194.54	91.17	16.68	33.48
%RSD		43.43	22.47	63.92	99.96	22.07	11.63	17.87	4.56	1.03
Min		69.05	133.94	34.40	45.44	193.68	1534.94	445.61	353.57	3226.11
Max		130.25	184.53	91.14	264.54	265.32	1810.07	574.54	377.16	3273.46
n		2	2	2	2	2	2	2	2	2
Average		129.01	386.67	62.82	167.05	217.95	1617.74	591.93	383.83	3075.62
St. Dev.		59.36	394.74	28.37	111.53	41.03	167.10	155.74	34.09	302.60
%RSD		46.01	102.09	45.17	66.76	18.83	10.33	26.31	8.88	9.84
Min		69.05	133.94	34.40	45.44	193.68	1534.94	445.61	353.57	3226.11
Max		187.74	841.53	91.14	264.54	265.32	1810.07	755.62	420.76	3273.46
n		3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	PYR, ng/g	BAA, ng/g	CHR, ng/g	BBF, ng/g	BKF, ng/g	BEP, ng/g	BAP, ng/g	PER, ng/g	INP, ng/g
2/27/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	718.71	479.45	2383.89	214.36	2265.23	433.05	3341.93	9204.56	0.00
Average		718.71	479.45	2383.89	214.36	2265.23	433.05	3341.93	9204.56	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		718.71	479.45	2383.89	214.36	2265.23	433.05	3341.93	9204.56	0.00
Max		718.71	479.45	2383.89	214.36	2265.23	433.05	3341.93	9204.56	0.00
n		1	1	1	1	1	1	1	1	1
3/10/92-0,0	0	0.00	12.35	24.69	0.00	0.00	0.00	0.00	0.00	18.52
3/18/92-0,0	0	45.92	0.00	0.00	0.00	0.00	2328.12	0.00	0.00	0.00
3/10&18 not compared										
Average		254.87	163.93	802.86	71.45	755.08	920.39	1113.98	3068.19	6.17
St. Dev.		402.35	273.32	1369.27	123.76	1307.83	1238.21	1929.46	5314.26	10.69
%RSD		157.86	166.72	170.55	173.21	173.21	134.53	173.21	173.21	173.21
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		718.71	479.45	2383.89	214.36	2265.23	2328.12	3341.93	9204.56	18.52
n		3	3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	3493.52	1195.25	1936.42	594.61	1251.51	1517.88	1491.60	871.54	1815.07
3/2/92-2,1-B	2	2949.34	1026.50	1788.44	1814.48	967.30	1922.44	1526.21	866.81	1375.38
Average		3221.43	1110.87	1862.43	1204.55	1109.41	1720.16	1508.91	869.18	1595.23
St. Dev.		384.79	119.32	104.64	862.58	200.97	286.06	24.47	3.35	310.91
%RSD		11.94	10.74	5.62	71.61	18.11	16.63	1.62	0.39	19.49
Min		2949.34	1026.50	1788.44	594.61	967.30	1517.88	1491.60	866.81	1375.38
Max		3493.52	1195.25	1936.42	1814.48	1251.51	1922.44	1526.21	871.54	1815.07
n		2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	3496.18	1124.55	1813.78	2764.44	3157.36	1232.33	1342.52	750.87	2059.67
3/2/92-2,2-B	2									
Average		3496.18	1124.55	1813.78	2764.44	3157.36	1232.33	1342.52	750.87	2059.67
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		3496.18	1124.55	1813.78	2764.44	3157.36	1232.33	1342.52	750.87	2059.67
Max		3496.18	1124.55	1813.78	2764.44	3157.36	1232.33	1342.52	750.87	2059.67
n		1	1	1	1	1	1	1	1	1
3/4/92-2,1-A	2	3613.65	916.31	1864.45	1324.84	1925.32	2186.77	1417.81	874.75	1660.05
3/4/92-2,1-B	2	2990.88	921.94	1723.48	950.16	1046.37	1335.00	1275.27	684.19	1519.90
Average		3302.26	919.13	1793.96	1137.50	1185.85	1760.89	1346.54	779.47	1589.98
St. Dev.		440.36	3.98	99.68	264.94	197.25	602.29	100.79	134.75	99.10
%RSD		13.34	0.43	5.56	23.29	16.63	34.20	7.48	17.29	6.23
Min		2990.88	916.31	1723.48	950.16	1046.37	1335.00	1275.27	684.19	1519.90
Max		3613.65	921.94	1864.45	1324.84	1925.32	2186.77	1417.81	874.75	1660.05
n		2	2	2	2	2	2	2	2	2
Average		3308.71	1036.91	1825.31	1489.71	1549.57	1638.88	1410.68	809.63	1606.02
St. Dev.		313.23	123.11	80.22	844.08	910.54	404.00	103.59	87.37	265.06
%RSD		9.47	11.87	4.39	56.66	58.76	24.65	7.34	10.79	15.72
Min		2949.34	916.31	1723.48	594.61	967.30	1232.33	1275.27	684.19	1375.38
Max		3613.65	1195.25	1936.42	2764.44	3157.36	2186.77	1526.21	874.75	2059.67
n		5	5	5	5	5	5	5	5	5
3/10/92-3,1-A	3	3512.09	1107.58	2157.79	1425.09	1244.76	2093.70	1564.73	908.19	64.82
3/10/92-3,1-B	3	4706.25	914.67	2337.72	1674.58	1524.01	2430.16	1323.14	1151.21	1575.33
Average		4109.17	1011.13	2247.76	1549.84	1384.38	2261.93	1443.93	1029.70	820.08
St. Dev.		844.40	136.41	127.23	176.42	197.46	237.91	170.83	171.84	1068.09
%RSD		20.55	13.49	5.66	11.38	14.26	10.52	11.83	16.69	130.24
Min		3512.09	914.67	2157.79	1425.09	1244.76	2093.70	1323.14	908.19	64.82
Max		4706.25	1107.58	2337.72	1674.58	1524.01	2430.16	1564.73	1151.21	1575.33
n		2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	2549.01	963.60	1660.58	1221.23	1105.48	1161.60	1225.92	688.99	1732.37
3/10/92-3,2-B	3	3596.17	1058.76	2089.60	1046.61	896.29	1732.88	1450.21	866.37	1806.07
Average		3072.59	1011.18	1865.09	1133.92	999.89	1447.24	1338.06	777.68	1779.22
St. Dev.		712.17	67.28	289.22	123.48	146.51	403.95	158.60	125.43	37.97
%RSD		23.03	6.65	15.51	10.89	14.65	27.91	11.85	16.13	2.13
Min		2589.01	963.60	1660.58	1046.61	896.29	1161.60	1225.92	688.99	1732.37
Max		3596.17	1058.76	2089.60	1221.23	1105.48	1732.88	1450.21	866.37	1806.07
n		2	2	2	2	2	2	2	2	2
Average		3400.88	1011.15	2056.43	1341.88	1192.13	1854.59	1391.00	903.69	1299.65
St. Dev.		866.72	87.82	286.51	270.60	263.50	542.68	147.81	150.42	829.10
%RSD		24.07	8.68	13.93	20.15	22.10	29.26	10.63	21.07	93.79
Min		2589.01	914.67	1660.58	1046.61	896.29	1161.60	1225.92	688.99	64.82
Max		4706.25	1107.58	2337.72	1674.58	1524.01	2430.16	1564.73	1151.21	1806.07
n		4	4	4	4	4	4	4	4	4
4,1-B (2,1-3)	4	2591.80	1152.38	1779.79	1354.88	1124.07	1486.45	1536.45	810.37	2155.06
3/18/92-4,2-A	4	3249.24	1153.67	1934.89	1506.60	826.13	1525.17	1526.38	1002.17	2102.99
3/18/92-4,2-B	4	3199.49	1167.48	1805.22	1244.64	1007.18	1328.70	1420.96	770.28	2114.16
Average		3224.37	1160.57	1870.06	1375.62	915.65	1426.94	1473.67	886.22	2108.58
St. Dev.		35.18	9.76	91.69	185.24	129.44	138.95	74.54	163.97	7.90
%RSD		1.09	0.84	4.90	13.47	14.14	9.74	5.06	18.50	0.37
Min		3199.49	1153.67	1805.22	1244.64	826.13	1328.70	1420.96	770.28	2102.99
Max		3249.24	1167.48	1934.89	1506.60	1007.18	1525.17	1526.38	1002.17	2114.16
n		2	2	2	2	2	2	2	2	2
Average		3015.51	1157.84	1839.97	1368.71	985.12	1446.78	1494.60	860.94	2124.07
St. Dev.		366.06	8.37	81.18	131.33	151.10	104.07	63.97	123.94	27.41
%RSD		12.13	0.72	4.52	9.61	15.35	7.19	4.28	14.40	1.29
Min		2591.80	1152.38	1779.79	1244.64	826.13	1328.70	1420.96	770.28	2102.99
Max		3249.24	1167.48	1934.89	1506.60	1124.07	1525.17	1536.45	1002.17	2155.06
n		3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	DBA, ug/g	BPE, ug/g	Σ PAHs, ug/g	Filter #	Amt filtered, g	C, mg	H, mg	N, mg	C, mg/g	H, mg/g
2/27/92-0,0-A	0	LOST	LOST	LOST	4	0.0032	0.030	0.032	0.007	9.375	10.000
2/27/92-0,0-B	0	108456.95	0.00	314457.55	5	0.0025	0.034	0.030	0.012	13.600	12.000
Average		108456.95	0.00	314457.55		0.003	0.032	0.031	0.010	11.488	11.000
St. Dev.		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
%RSD		#DIV/0!	#DIV/0!	#DIV/0!		17	9	5	37	26	13
Min		108456.95	0.00	314457.55		0.0025	0.0300	0.0300	0.0070	9.3750	10.0000
Max		108456.95	0.00	314457.55		0.0032	0.0340	0.0320	0.0120	13.6000	12.0000
n		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3/10/92-0,0	0	354.32	0.00	1002.47	23	0.0017	0.033	0.038	0.006	19.412	22.353
3/18/92-0,0	0	6802.93	0.00	12021.83	25	0.0305	1.422	0.376	0.164	46.623	12.328
3/10&18 not compared											
Average		[illegible]	0.00	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		60637.31	0.00	177817.71		0.014	0.695	0.171	0.078	16.760	5.551
%RSD		157.34	#DIV/0!	162.95		148	183	144	165	75	39
Min		354.32	0.00	1002.47		0.0017	0.0300	0.0300	0.0060	9.3750	10.0000
Max		108456.95	0.00	314457.55		0.0305	1.4220	0.3760	0.1640	46.6230	22.3529
n		3	3	3		4	4	4	4	4	4
3/./92-2,1-A	2	177.19	2209.58	23674.95	7	0.0058	0.327	0.084	0.039	56.379	14.483
3/2/92-2,1-B	2	19.07	2222.55	23024.53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Average		98.13	2216.06	23349.74		0.005	0.281	0.081	0.036	51.229	14.790
St. Dev.		111.81	9.18	459.92		0.000	0.065	0.005	0.005	7.284	0.435
%RSD		113.94	0.41	1.97		9	23	6	14	14	3
Min		19.07	2209.58	23024.53		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		177.19	2222.55	23674.95		0.0058	0.3270	0.0840	0.0390	56.3793	15.0980
n		2	2	2		2	2	2	2	2	2
3/2/92-2,2-A	2	734.56	2295.37	37664.37	9	0.0039	0.259	0.090	0.034	43.898	15.254
3/2/92-2,2-B	2				10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Average		734.55	2295.37	37664.37		0.005	0.293	0.093	0.036	59.108	18.536
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!		0.001	0.048	0.004	0.002	21.510	4.641
%RSD		#DIV/0!	#DIV/0!	#DIV/0!		21	16	5	6	36	25
Min		734.56	2295.37	37664.37		0.0044	0.2590	0.0900	0.0340	43.8983	15.2542
Max		734.56	2295.37	37664.37		0.0059	0.3270	0.0960	0.0370	74.3182	21.8182
n		1	1	1		2	2	2	2	2	2
3/4/92-2,1-A	2	296.70	2099.36	24669.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3/4/92-2,1-B	2	19.56	1954.73	20506.84	11	0.0028	0.176	0.057	0.024	62.857	20.357
Average		158.13	2027.05	22587.94		0.003	0.176	0.057	0.024	62.857	20.357
St. Dev.		195.97	102.27	2943.15		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Min		19.56	1954.73	20506.84		0.0028	0.1760	0.0570	0.0240	62.8571	20.3571
Max		296.70	2099.36	24669.05		0.0028	0.1760	0.0570	0.0240	62.8571	20.3571
n		2	2	2		1	1	1	1	1	1
Average		249.42	2156.32	25907.95		0.005	0.265	[illegible]	[illegible]	56.706	[illegible]
St. Dev.		295.26	132.70	6749.46		0.001	0.064	0.015	0.006	12.501	3.416
%RSD		118.38	6.15	26.05		26	24	19	17	22	20
Min		19.07	1954.73	20506.84		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		734.56	2295.37	37664.37		0.0059	0.3270	0.0960	0.0390	74.3182	21.8182
n		5	5	5		5	5	5	5	5	5
3/10/92-3,1-A	3	123.69	2125.47	22575.30	18	0.003	0.245	0.066	0.032	81.667	22.000
3/10/92-3,1-B	3	44.88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Average		84.28	2095.27	25817.21		0.003	0.267	0.073	0.035	81.667	22.000
St. Dev.		55.72	42.72	4584.75		0.000	0.030	0.000	0.004	#DIV/0!	#DIV/0!
%RSD		66.11	2.04	17.76		13	11	13	12	#DIV/0!	#DIV/0!
Min		44.88	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		123.69	2125.47	29059.12		0.0030	0.2880	0.0790	0.0380	81.6667	22.0000
n		2	2	2		2	2	2	2	1	1
3/10/92-3,2-A	3	50.32	1999.79	23202.11	20	0.0041	0.241	0.070	0.030	58.780	17.073
3/10/92-3,2-B	3	140.32	2234.67	23135.23	21	0.0039	0.202	0.077	0.027	51.795	19.744
Average		95.32	2117.23	23168.67		0.004	0.222	0.074	0.029	55.288	18.408
St. Dev.		63.64	166.08	47.29		0.000	0.028	0.005	0.002	4.940	1.888
%RSD		66.77	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Min		50.32	1999.79	23135.23		0.0039	0.2020	0.0700	0.0270	51.7949	17.0732
Max		140.32	2234.67	23[illegible].11		0.0041	0.2410	0.0770	0.0300	58.7805	19.7436
n		2	2	2		2	2	2	2	2	2
Average		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		49.25	99.82	3057.07		0.001	0.035	0.006	0.005	15.625	2.464
%RSD		54.84	4.74	12.48		22	14	8	15	26	13
Min		44.88	1999.79	22575.30		0.0025	0.2020	0.0660	0.0270	51.7949	17.0732
Max		140.32	2234.67	29059.12		0.0041	0.2880	0.0790	0.0380	81.6667	22.0000
n		4	4	4		4	4	4	4	3	3
4,1-B (2,1-3)	4	286.47	2328.12	24165.74	24	0.0182	1.151	0.297	0.137	62.143	16.319
3/18/92-4,2-A	4	196.96	2606.06	25229.45	26	0.0125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3/18/92-4,2-B	4	195.19	2317.56	22824.84	27	0.0142	0.959	0.215	0.110	67.535	15.141
Average		196.08	2461.81	24027.14		0.013	0.959	0.215	0.110	67.535	15.141
St. Dev.		1.25	204.00	1700.30		0.001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Min		195.19	2317.56	22824.84		0.0125	0.9590	0.2150	0.1100	67.5352	15.1408
Max		196.96	2606.06	25229.45		0.0142	0.9590	0.2150	0.1100	67.5352	15.1408
n		2	2	2		2	1	1	1	1	1
Average		226.21	2417.24	24073.34		0.015	1.055	0.256	0.124	64.839	15.730
St. Dev.		52.19	163.60	1204.93		0.003	0.122	0.058	0.019	3.813	0.833
%RSD		23.07	6.77	5.01		20	12	23	15	6	5
Min		195.19	2317.56	22824.84		0.0125	0.9590	0.2150	0.1100	62.1429	15.1408
Max		286.47	2606.06	25229.45		0.0182	1.1510	0.2970	0.1370	67.5352	16.3187
n		3	3	3		3	2	2	2	2	2

ND = Not determined

BRH PES2	Dynes/cm^2	N, mg/g	0-2 μm (10-9 Φ) (fine clay) %	2-4 μm (9-8 Φ) (coarse clay) %	4-62 μm (8-4 Φ) (silt) %	62-300 μm (4-1.75 Φ) (vfine to med sand) %	sum, %	Mode, μm
2/27/92-0,0-A	0	2.188						
2/27/92-0,0-B	0	4.800	0.00	2.67	51.64	45.70	100.01	97.25
Average		3.494	0.000	2.670	51.640	45.700	100.010	97.250
St. Dev.		1.847	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		53	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		2.1875	0.0000	2.6700	51.6400	45.7000	100.0100	97.2500
Max		4.8000	0.0000	2.6700	51.6400	45.7000	100.0100	97.2500
n		2	1	1	1	1	1	1
3/10/92-0,0	0	3.529						
3/18/92-0,0	0	5.377						
3/10&18 not compared								
Average		3.973	0.000	2.670	51.640	45.700	100.010	97.250
St. Dev.		1.419	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		36	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		2.1875	0.0000	2.6700	51.6400	45.7000	100.0100	97.2500
Max		5.3770	0.0000	2.6700	51.6400	45.7000	100.0100	97.2500
n		4	1	1	1	1	1	1
3/2/92-2,1-A	2	6.724						
3/2/92-2,1-B	2	6.275	0.00	9.77	86.53	3.71	100.01	10.50
Average		6.499	0.000	9.770	86.530	3.710	100.010	10.500
St. Dev.		0.318	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		6.2745	0.0000	9.7700	86.5300	3.7100	100.0100	10.5000
Max		6.7241	0.0000	9.7700	86.5300	3.7100	100.0100	10.5000
n		2	1	1	1	1	1	1
3/2/92-2,2-A	2	5.763						
3/2/92-2,2-B	2	8.409	0.00	9.19	88.96	1.85	100.00	10.50
Average		7.086	0.000	9.190	88.960	1.850	100.000	10.500
St. Dev.		1.871	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		26	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		5.7627	0.0000	9.1900	88.9600	1.8500	100.0000	10.5000
Max		8.4091	0.0000	9.1900	88.9600	1.8500	100.0000	10.5000
n		2	1	1	1	1	1	1
3/4/92-2,1-A	2	NA						
3/4/92-2,1-B	2	8.571	0.00	5.86	85.47	8.67	100.00	10.50
Average		8.571	0.000	5.860	85.470	8.670	100.000	10.500
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		8.5714	0.0000	5.8600	85.4700	8.6700	100.0000	10.5000
Max		8.5714	0.0000	5.8600	85.4700	8.6700	100.0000	10.5000
n		1	1	1	1	1	1	1
Average		7.148	0.000	8.273	86.987	4.743	100.003	10.500
St. Dev.		1.273	0.000	2.110	1.789	3.525	0.006	0.000
%RSD		18	#DIV/0!	26	2	74	0	0
Min		5.7627	0.0000	5.8600	85.4700	1.8500	100.0000	10.5000
Max		8.5714	0.0000	9.7700	88.9600	8.6700	100.0100	10.5000
n		5	3	3	3	3	3	3
3/10/92-3,1-A	3	10.667						
3/10/92-3,1-B	3	lost	0.00	5.22	80.04	14.74	100.00	10.50
Average		10.667	0.000	5.220	80.040	14.740	100.000	10.500
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		10.6667	0.0000	5.2200	80.0400	14.7400	100.0000	10.5000
Max		10.6667	0.0000	5.2200	80.0400	14.7400	100.0000	10.5000
n		1	1	1	1	1	1	1
3/10/92-3,2-A	3	7.317						
3/10/92-3,2-B	3	6.923	0.00	7.68	87.23	5.10	100.01	10.50
Average		7.120	0.000	7.680	87.230	5.100	100.010	10.500
St. Dev.		0.279	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		6.9231	0.0000	7.6800	87.2300	5.1000	100.0100	10.5000
Max		7.3171	0.0000	7.6800	87.2300	5.1000	100.0100	10.5000
n		2	1	1	1	1	1	1
Average		8.302	0.000	6.450	83.635	9.920	100.005	10.500
St. Dev.		2.037	0.000	1.739	5.084	6.817	0.007	0.000
%RSD		25	#DIV/0!	27	6	69	0	0
Min		5.9231	0.0000	5.2200	80.0400	5.1000	100.0000	10.5000
Max		10.6667	0.0000	7.6800	87.2300	14.7400	100.0100	10.5000
n		3	2	2	2	2	2	2
4,1-B (2:1-3)	4	7.527	0.00	14.18	84.52	1.30	100.00	4.50
3/18/92-4,2-A	4	lost	0.00	6.25	77.98	15.77	100.00	15.49
3/18/92-4,2-B	4	7.744	0.00	2	69.34	27.13	99.99	135.82
Average		7.744	0.000	4.185	73.660	21.450	99.995	75.655
St. Dev.		#DIV/0!	0.000	1.930	6.109	8.033	0.007	85.086
%RSD		#DIV/0!	#DIV/0!	40	8	37	0	112
Min		7.7465	0.0000	3.5200	69.3400	15.7700	99.9900	15.4900
Max		7.7465	0.0000	6.2500	77.9800	27.1300	100.0000	135.8200
n		1	2	2	2	2	2	2
Average		7.637	0.000	7.985	77.280	14.735	99.997	51.957
St. Dev.		0.155	0.000	5.537	7.614	12.944	0.006	72.853
%RSD		2	#DIV/0!	69	10	88	0	140
Min		7.5275	0.0000	3.5200	69.3400	1.9300	99.9900	4.5000
Max		7.7465	0.0000	14.1800	84.5200	27.1300	100.0000	135.8200
n		2	3	3	3	3	3	3

ND = Not detected (n=)

BRH PES2	Dynes/cm^2	Median, µm	Mean (vm), µm	S.D. (vm), µm	Coef (vm), %	CB600, ug	CB018, ug	CB029, ug	CB000, ug
2/27/92-0,0-A	0					1.03	0.00	0.00	0.04
2/27/92-0,0-B	0	50.60	52.12	32.28	47.26	0.41	0.00	0.00	0.14
Average		50.600	52.120	32.280	47.260	0.72	0.00	0.00	0.09
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.44	0.00	0.00	0.07
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	61.27	#DIV/0!	#DIV/0!	80.08
Min		50.6000	52.1200	32.2800	47.2600	0.41	0.00	0.00	0.04
Max		50.6000	52.1200	32.2800	47.2600	1.03	0.00	0.00	0.14
n		1	1	1	1	2	2	2	2
3/10/92-0,0	0					0.07	0.00	0.00	0.00
3/18/92-0,0	0					LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		50.600	52.120	32.280	47.260	0.50	0.00	0.00	0.06
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.49	0.00	0.00	0.07
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	96.66	#DIV/0!	#DIV/0!	121.30
Min		50.6000	52.1200	32.2800	47.2600	0.07	0.00	0.00	0.00
Max		50.6000	52.1200	32.2800	47.2600	1.03	0.00	0.00	0.14
n		1	1	1	1	3	3	3	3
3/2/92-2,1-A	2					0.67	0.00	0.20	4.66
3/2/92-2,1-B	2	10.82	16.48	17.06	100.00	0.38	0.64	0.12	3.87
Average		10.820	16.480	17.060	100.000	0.52	0.32	0.16	4.26
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.21	0.45	0.05	0.56
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	39.78	141.42	32.67	13.21
Min		10.8200	16.4800	17.0600	100.0000	0.38	0.00	0.12	3.87
Max		10.8200	16.4800	17.0600	100.0000	0.67	0.64	0.20	4.66
n		1	1	1	1	2	2	2	2
3/2/92-2,2-A	2					1.23	0.46	0.00	4.27
3/2/92-2,2-B	2	10.68	16.06	15.63	100.00	1.33	1.23	0.00	5.76
Average		10.680	16.060	15.630	100.000	1.28	0.85	0.00	5.01
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.06	0.55	0.00	1.05
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	5.04	64.44	#DIV/0!	20.95
Min		10.6800	16.0600	15.6300	100.0000	1.23	0.46	0.00	4.27
Max		10.6800	16.0600	15.6300	100.0000	1.33	1.23	0.00	5.76
n		1	1	1	1	2	2	2	2
3/4/92-2,1-A	2					0.39	0.48	0.00	2.77
3/4/92-2,1-B	2	14.74	24.66	28.42	99.98	0.26	0.30	0.00	2.50
Average		14.740	24.660	28.420	99.980	0.33	0.39	0.00	2.63
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.09	0.13	0.00	0.19
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	28.09	33.05	#DIV/0!	7.28
Min		14.7400	24.6600	28.4200	99.9800	0.26	0.30	0.00	2.50
Max		14.7400	24.6600	28.4200	99.9800	0.39	0.48	0.00	2.77
n		1	1	1	1	2	2	2	2
Average		12.080	19.067	20.370	99.993	0.71	0.52	0.05	3.97
St. Dev.		2.305	4.849	7.008	0.012	0.46	0.41	0.09	1.22
%RSD		19	25	34	0	64.89	79.10	161.60	30.62
Min		10.6800	16.0600	15.6300	99.9800	0.26	0.00	0.00	2.50
Max		14.7400	24.6600	28.4200	100.0000	1.33	1.23	0.20	5.76
n		3	3	3	3	6	6	6	6
3/10/92-3,1-A	3					0.09	0.12	0.00	2.26
3/10/92-3,1-B	3	17.38	30.83	33.97	99.99	0.12	0.18	0.00	2.74
Average		17.380	30.830	33.970	99.990	0.10	0.15	0.00	2.50
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.02	0.04	0.00	0.34
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	23.85	27.05	#DIV/0!	13.49
Min		17.3800	30.8300	33.9700	99.9900	0.09	0.12	0.00	2.26
Max		17.3800	30.8300	33.9700	99.9900	0.12	0.18	0.00	2.74
n		1	1	1	1	2	2	2	2
3/10/92-3,2-A	3					0.00	0.13	0.00	3.04
3/10/92-3,2-B	3	11.78	19.25	21.79	99.99	0.10	0.11	0.00	3.23
Average		11.780	19.250	21.790	99.990	0.05	0.12	0.00	3.14
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.07	0.02	0.00	0.14
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141.42	16.34	#DIV/0!	4.53
Min		11.7800	19.2500	21.7900	99.9900	0.00	0.11	0.00	3.04
Max		11.7800	19.2500	21.7900	99.9900	0.10	0.13	0.00	3.23
n		1	1	1	1	2	2	2	2
Average		14.580	25.040	27.880	99.990	0.08	0.14	0.00	2.82
St. Dev.		3.960	8.188	8.613	0.000	0.05	0.09	0.00	0.42
%RSD		27	33	31	0	69.39	23.97	#DIV/0!	14.98
Min		11.7800	19.2500	21.7900	99.9900	0.00	0.11	0.00	2.26
Max		17.3800	30.8300	33.9700	99.9900	0.12	0.18	0.00	3.23
n		2	2	2	2	4	4	4	4
4,1-B (2,1-3)	4	8.88	12.50	11.45	100.00	5.83	11.26	1.10	42.78
3/18/92-4,2-A	4	17.77	32.45	36.38	99.99	2.40	4.61	0.17	21.43
3/18/92-4,2-B	4	26.02	49.87	53.78	99.99	2.46	4.99	0.19	19.86
Average		21.895	41.160	45.080	99.990	2.43	4.80	0.18	20.64
St. Dev.		5.834	12.318	12.304	0.000	0.04	0.27	0.01	1.11
%RSD		27	30	27	0	1.65	5.58	6.20	5.37
Min		17.7700	32.4500	36.3800	99.9900	2.40	4.61	0.17	19.86
Max		26.0200	49.8700	53.7800	99.9900	2.46	4.99	0.19	21.43
n		2	2	2	2	2	2	2	2
Average		17.557	31.607	33.870	99.993	3.56	6.95	0.49	28.02
St. Dev.		8.572	18.699	21.276	0.006	1.96	3.74	0.53	12.81
%RSD		49	59	63	0	55.02	53.73	109.78	45.71
Min		8.8800	12.5000	11.4500	99.9900	2.40	4.61	0.17	19.86
Max		26.0200	49.8700	53.7800	100.0000	5.83	11.26	1.10	42.78
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng	CB101, ng	CB087, ng	CB077, ng	CB154, ng
2/27/92-0,0-A	0	0.00	0.00	0.00	0.00	0.06	0.07	0.00	0.00	0.24
2/27/92-0,0-B	0	0.04	0.00	0.00	0.00	0.03	0.14	0.00	0.00	0.16
Average		0.02	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.20
St. Dev.		0.03	0.00	0.00	0.00	0.02	0.05	0.00	0.00	0.05
%RSD		141.42	#DIV/0!	#DIV/0!	#DIV/0!	55.61	51.36	#DIV/0!	#DIV/0!	27.26
Min		0.00	0.00	0.00	0.00	0.03	0.07	0.00	0.00	0.16
Max		0.04	0.00	0.00	0.00	0.06	0.14	0.00	0.00	0.24
n		2	2	2	2	2	2	2	2	2
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.07
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared										
Average		0.01	0.00	0.00	0.00	0.03	0.07	0.00	0.03	0.16
St. Dev.		0.02	0.00	0.00	0.00	0.03	0.07	0.00	0.06	0.08
%RSD		173.21	#DIV/0!	#DIV/0!	#DIV/0!	104.78	102.31	#DIV/0!	173.21	51.84
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Max		0.04	0.00	0.00	0.00	0.06	0.14	0.00	0.10	0.24
n		3	3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	4.79	3.42	0.00	0.95	2.65	6.14	2.18	0.50	3.48
3/2/92-2,1-B	2	3.95	3.17	0.18	0.94	2.63	6.13	2.22	0.52	3.51
Average		4.37	3.29	0.09	0.95	2.64	6.13	2.20	0.51	3.49
St. Dev.		0.59	0.18	0.13	0.01	0.02	0.01	0.03	0.01	0.02
%RSD		13.54	5.51	141.42	1.10	0.63	0.15	1.17	2.11	0.53
Min		3.95	3.17	0.00	0.94	2.63	6.13	2.18	0.50	3.48
Max		4.79	3.42	0.18	0.95	2.65	6.14	2.22	0.52	3.51
n		2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	4.24	2.63	0.32	0.29	2.25	6.34	2.26	0.37	3.61
3/2/92-2,2-B	2	5.95	4.95	0.48	1.83	3.40	8.12	3.06	0.84	4.78
Average		5.09	3.79	0.40	1.06	2.83	7.23	2.66	0.60	4.19
St. Dev.		1.20	1.64	0.12	1.09	0.81	1.26	0.57	0.33	0.83
%RSD		23.64	43.28	29.20	102.22	28.80	17.41	21.30	54.74	19.77
Min		4.24	2.63	0.32	0.29	2.25	6.34	2.26	0.37	3.61
Max		5.95	4.95	0.48	1.83	3.40	8.12	3.06	0.84	4.78
n		2	2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	2.80	1.89	0.00	0.27	1.63	3.83	1.19	0.17	1.92
3/4/92-2,1-B	2	2.52	1.89	0.50	0.34	1.61	4.01	1.24	0.53	2.06
Average		2.66	1.89	0.25	0.31	1.62	3.92	1.22	0.35	1.99
St. Dev.		0.20	0.00	0.35	0.05	0.01	0.13	0.04	0.25	0.10
%RSD		7.54	0.08	141.42	15.68	0.80	3.23	3.02	72.57	4.84
Min		2.52	1.89	0.00	0.27	1.61	3.83	1.19	0.17	1.92
Max		2.80	1.89	0.50	0.34	1.63	4.01	1.24	0.53	2.06
n		2	2	2	2	2	2	2	2	2
Average		4.04	2.99	0.24	0.77	2.36	5.76	2.05	0.49	3.22
St. Dev.		1.27	1.15	0.22	0.61	0.69	1.61	0.71	0.22	1.08
%RSD		31.50	38.43	90.91	78.71	29.00	28.00	34.90	44.95	33.34
Min		2.52	1.89	0.00	0.27	1.61	3.83	1.19	0.17	1.92
Max		5.95	4.95	0.50	1.83	3.40	8.12	3.06	0.84	4.78
n		6	6	6	6	6	6	6	6	6
3/10/92-3,1-A	3	2.30	1.60	0.30	0.16	1.57	3.99	1.33	0.22	1.97
3/10/92-3,1-B	3	2.77	2.16	0.65	0.30	1.81	4.70	1.45	0.24	2.26
Average		2.54	1.88	0.47	0.23	1.69	4.34	1.39	0.23	2.12
St. Dev.		0.33	0.40	0.25	0.09	0.17	0.51	0.08	0.02	0.21
%RSD		13.02	21.04	52.11	40.43	10.05	11.63	5.88	7.61	9.72
Min		2.30	1.60	0.30	0.16	1.57	3.99	1.33	0.22	1.97
Max		2.77	2.16	0.65	0.30	1.81	4.70	1.45	0.24	2.26
n		2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	3.09	2.47	0.00	0.41	1.96	5.15	1.56	0.24	2.37
3/10/92-3,2-B	3	3.15	2.21	0.61	0.01	1.77	5.08	1.59	0.14	2.73
Average		3.12	2.34	0.30	0.21	1.86	5.12	1.57	0.19	2.55
St. Dev.		0.04	0.19	0.43	0.28	0.14	0.04	0.02	0.07	0.26
%RSD		1.43	7.99	141.42	135.68	7.30	0.87	1.33	39.11	10.15
Min		3.09	2.21	0.00	0.01	1.77	5.08	1.56	0.14	2.37
Max		3.15	2.47	0.61	0.41	1.96	5.15	1.59	0.24	2.73
n		2	2	2	2	2	2	2	2	2
Average		2.83	2.11	0.39	0.22	1.77	4.73	1.48	0.21	2.33
St. Dev.		0.39	0.37	0.30	0.17	0.16	0.53	0.11	0.05	0.51
%RSD		13.65	17.41	77.82	78.44	9.12	11.27	7.75	24.05	15.45
Min		2.30	1.60	0.00	0.01	1.57	3.99	1.33	0.14	1.97
Max		3.15	2.47	0.65	0.41	1.96	5.15	1.59	0.24	2.73
n		4	4	4	4	4	4	4	4	4
4,1-B (Σ1-3)	4	45.22	33.39	1.60	17.60	26.17	52.20	24.39	6.94	34.40
3/18/92-4,2-A	4	22.65	16.75	0.68	8.05	13.85	28.00	13.18	3.43	18.40
3/18/92-4,2-B	4	20.98	16.11	0.54	8.79	13.37	26.57	13.72	3.79	19.84
Average		21.81	16.43	0.61	8.42	13.61	27.29	13.45	3.61	19.12
St. Dev.		1.18	0.45	0.10	0.52	0.34	1.01	0.38	0.25	1.02
%RSD		5.40	2.75	15.93	6.14	2.51	3.71	2.85	7.00	5.32
Min		20.98	16.11	0.54	8.05	13.37	26.57	13.18	3.43	18.40
Max		22.65	16.75	0.68	8.79	13.85	28.00	13.72	3.79	19.84
n		2	2	2	2	2	2	2	2	2
Average		29.62	22.08	0.94	11.48	17.79	35.59	17.10	4.72	24.22
St. Dev.		13.54	9.80	0.57	5.32	7.36	14.40	6.32	1.93	8.85
%RSD		45.72	44.37	51.10	46.29	40.78	40.47	37.00	40.91	36.55
Min		20.98	16.11	0.54	8.05	13.37	26.57	13.18	3.43	18.40
Max		45.22	33.39	1.60	17.60	26.17	52.20	24.39	6.94	34.40
n		3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	CB118, ng	CB138, ng	CB153, ng	CB180, ng	CB138, ng	CB126, ng	CB187, ng	CB128, ng	CB200, ng
2/27/92-0,0-A	0	0.41	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00
2/27/92-0,0-B	0	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average		0.28	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.17	0.00	0.09	0.01	0.00	0.00	0.00	0.00	0.00
%RSD		61.53	#DIV/0!	141.42	141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.41	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00
n		2	2	2	2	2	2	2	2	2
3/10/92-0,0	0	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared										
Average		0.20	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.18	0.02	0.08	0.01	0.00	0.00	0.00	0.00	0.00
%RSD		89.00	173.21	173.21	173.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.41	0.03	0.13	0.02	0.00	0.00	0.00	0.00	0.00
n		3	3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	8.79	1.11	4.93	3.00	5.91	0.48	1.37	0.85	0.00
3/2/92-2,1-B	2	9.02	1.04	4.90	3.18	5.83	0.46	1.26	0.86	0.00
Average		8.90	1.07	4.92	3.09	5.87	0.47	1.32	0.85	0.00
St. Dev.		0.16	0.05	0.02	0.12	0.06	0.01	0.08	0.01	0.00
%RSD		1.78	4.60	0.37	4.01	1.00	2.46	5.73	1.32	#DIV/0!
Min		8.79	1.04	4.90	3.00	5.83	0.46	1.26	0.85	0.00
Max		9.02	1.11	4.93	3.18	5.91	0.48	1.37	0.86	0.00
n		2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	9.36	1.15	4.86	3.17	6.40	0.61	1.14	0.80	0.00
3/2/92-2,2-B	2	5.99	1.27	5.75	4.04	6.61	0.71	1.45	1.22	0.33
Average		7.67	1.21	5.30	3.60	6.50	0.66	1.29	1.01	0.16
St. Dev.		2.39	0.09	0.63	0.62	0.15	0.07	0.22	0.30	0.23
%RSD		31.11	7.53	11.93	17.07	2.25	10.56	17.07	29.89	141.42
Min		5.99	1.15	4.86	3.17	6.40	0.61	1.14	0.80	0.00
Max		9.36	1.27	5.75	4.04	6.61	0.71	1.45	1.22	0.33
n		2	2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	5.35	0.66	2.91	1.75	3.34	0.25	0.70	0.43	0.00
3/4/92-2,1-B	2	5.45	0.68	2.98	1.79	3.24	0.24	0.60	0.45	0.00
Average		5.40	0.66	2.95	1.77	3.29	0.25	0.65	0.44	0.00
St. Dev.		0.07	0.03	0.05	0.03	0.07	0.01	0.07	0.01	0.00
%RSD		1.29	3.83	1.70	1.66	2.17	3.39	10.04	3.23	#DIV/0!
Min		5.35	0.66	2.91	1.75	3.24	0.24	0.60	0.43	0.00
Max		5.45	0.68	2.96	1.79	3.34	0.25	0.70	0.45	0.00
n		2	2	2	2	2	2	2	2	2
Average		7.33	0.98	4.39	2.82	5.22	0.46	1.09	0.77	0.05
St. Dev.		1.92	0.26	1.17	0.89	1.32	0.19	0.35	0.29	0.13
%RSD		26.15	26.61	26.54	31.53	29.17	41.08	32.63	38.32	244.95
Min		5.35	0.66	2.91	1.75	3.24	0.24	0.60	0.43	0.00
Max		9.36	1.27	5.75	4.04	6.61	0.71	1.45	1.22	0.33
n		6	6	6	6	6	6	6	6	6
3/10/92-3,1-A	3	5.84	0.76	3.52	1.93	3.93	0.40	0.82	0.73	0.00
3/10/92-3,1-B	3	6.54	0.80	3.60	2.15	4.10	0.33	0.91	0.50	0.00
Average		6.19	0.78	3.56	2.04	4.01	0.37	0.87	0.62	0.00
St. Dev.		0.43	0.03	0.06	0.16	0.12	0.05	0.07	0.17	0.00
%RSD		6.90	3.32	1.55	7.80	3.07	13.04	7.77	26.79	#DIV/0!
Min		5.88	0.76	3.52	1.93	3.93	0.33	0.82	0.50	0.00
Max		6.49	0.80	3.60	2.15	4.10	0.40	0.91	0.73	0.00
n		2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	7.28	0.92	4.25	2.43	4.32	0.29	0.99	0.61	0.00
3/10/92-3,2-B	3	7.48	0.95	3.81	2.50	4.47	0.39	0.85	0.61	0.00
Average		7.38	0.93	4.03	2.47	4.40	0.34	0.92	0.61	0.00
St. Dev.		0.14	0.01	0.31	0.05	0.11	0.07	0.10	0.00	0.00
%RSD		1.86	0.86	7.72	2.01	2.51	20.89	10.52	0.22	#DIV/0!
Min		7.28	0.92	3.81	2.43	4.32	0.29	0.85	0.61	0.00
Max		7.48	0.95	4.25	2.50	4.47	0.39	0.99	0.61	0.00
n		2	2	2	2	2	2	2	2	2
Average		6.78	0.85	3.80	2.25	4.20	0.35	0.89	0.61	0.00
St. Dev.		0.74	0.09	0.33	0.27	0.24	0.05	0.08	0.10	0.00
%RSD		10.87	10.19	8.63	11.81	5.72	14.61	8.40	15.63	#DIV/0!
Min		5.88	0.76	3.52	1.93	3.93	0.29	0.82	0.50	0.00
Max		7.48	0.95	4.25	2.50	4.47	0.40	0.99	0.73	0.00
n		4	4	4	4	4	4	4	4	4
4,1-B (2,1-3)	4	79.10	8.19	40.57	35.64	52.93	3.30	11.06	10.16	2.32
3/18/92-4,2-A	4	43.60	4.68	23.62	18.95	30.88	2.27	6.51	5.39	1.50
3/18/92-4,2-B	4	43.92	4.49	23.07	20.79	3.81	2.34	6.42	6.01	0.74
Average		43.76	4.58	23.35	19.87	17.35	2.30	6.47	5.70	1.12
St. Dev.		0.22	0.14	0.39	1.30	19.14	0.05	0.06	0.43	0.54
%RSD		0.51	2.97	1.68	6.52	110.33	2.07	0.96	7.61	48.40
Min		43.60	4.49	23.07	18.95	3.81	2.27	6.42	5.39	0.74
Max		43.92	4.68	23.62	20.79	30.88	2.34	6.51	6.01	1.50
n		2	2	2	2	2	2	2	2	2
Average		55.54	5.79	29.09	25.13	29.21	2.64	8.00	7.19	1.52
St. Dev.		20.40	2.09	9.95	9.15	24.60	0.58	2.65	2.39	0.79
%RSD		36.74	36.08	34.20	36.42	84.23	21.90	33.13	36.10	52.15
Min		43.60	4.49	23.07	18.95	3.81	2.27	6.42	5.39	0.74
Max		79.10	8.19	40.57	35.64	52.93	3.30	11.06	10.16	2.32
n		3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dyne/cm^2	CB156, ng	CB170, ng	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	Σ PCB, ng	HCB, ng	HEPT, ng
2/27/92-0,0-A	0	0.04	0.00	0.00	0.00	0.00	2.01	#REF!	1.01	0.00
2/27/92-0,0-B	0	0.00	0.00	0.00	0.00	0.00	1.07	#REF!	0.58	0.00
Average		0.02	0.00	0.00	0.00	0.00	1.54	#REF!	0.79	0.00
St. Dev.		0.03	0.00	0.00	0.00	0.00	0.67	#REF!	0.30	0.00
%RSD		141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	43.16	#REF!	38.02	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	1.07	#REF!	0.58	0.00
Max		0.04	0.00	0.00	0.00	0.00	2.01	#REF!	1.01	0.00
n		2	2	2	2	2	2	0	2	2
3/10/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.32	#REF!	0.79	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared										
Average		0.01	0.00	0.00	0.00	0.00	1.14	#REF!	0.79	0.00
St. Dev.		0.02	0.00	0.00	0.00	0.00	0.85	#REF!	0.21	0.00
%RSD		173.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	74.68	#REF!	26.96	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.32	#REF!	0.58	0.00
Max		0.04	0.00	0.00	0.00	0.00	2.01	#REF!	1.01	0.00
n		3	3	3	3	3	3	0	3	3
3/2/92-2,1-A	2	1.83	1.26	0.33	0.26	0.34	60.10	#REF!	3.10	0.00
3/2/92-2,1-B	2	1.96	0.63	0.20	0.13	0.33	58.04	#REF!	0.43	0.00
Average		1.90	0.95	0.26	0.19	0.34	59.07	#REF!	1.77	0.00
St. Dev.		0.09	0.45	0.09	0.09	0.00	1.46	#REF!	1.89	0.00
%RSD		4.69	47.53	35.37	48.19	1.52	2.47	#REF!	106.78	#DIV/0!
Min		1.83	0.63	0.20	0.13	0.33	58.04	#REF!	0.43	0.00
Max		1.96	1.26	0.33	0.26	0.34	60.10	#REF!	3.10	0.00
n		2	2	2	2	2	2	0	2	2
3/2/92-2,2-A	2	1.89	1.03	0.77	0.01	0.64	60.09	#REF!	1.27	0.00
3/2/92-2,2-B	2	2.14	1.17	0.36	0.20	0.33	73.29	#REF!	1.41	0.00
Average		2.02	1.10	0.56	0.11	0.48	66.69	#REF!	1.34	0.00
St. Dev.		0.18	0.10	0.29	0.14	0.22	9.33	#REF!	0.10	0.00
%RSD		8.98	9.15	52.09	129.23	45.31	14.00	#REF!	7.42	#DIV/0!
Min		1.89	1.03	0.36	0.01	0.33	60.09	#REF!	1.27	0.00
Max		2.14	1.17	0.77	0.20	0.64	73.29	#REF!	1.41	0.00
n		2	2	2	2	2	2	0	2	2
3/4/92-2,1-A	2	1.11	0.33	0.26	0.00	0.11	34.54	#REF!	1.13	0.00
3/4/92-2,1-B	2	1.14	0.20	0.28	0.01	0.11	34.92	#REF!	1.37	0.00
Average		1.12	0.26	0.27	0.01	0.11	34.73	#REF!	1.25	0.00
St. Dev.		0.02	0.09	0.01	0.01	0.00	0.27	#REF!	0.17	0.00
%RSD		1.64	36.07	4.62	141.42	3.36	0.78	#REF!	13.97	#DIV/0!
Min		1.11	0.20	0.26	0.00	0.11	34.54	#REF!	1.13	0.00
Max		1.14	0.33	0.28	0.01	0.11	34.92	#REF!	1.37	0.00
n		2	2	2	2	2	2	0	2	2
Average		1.68	0.77	0.37	0.10	0.31	53.50	#REF!	1.45	0.00
St. Dev.		0.44	0.45	0.21	0.11	0.20	15.52	#REF!	0.88	0.00
%RSD		26.39	58.57	56.58	109.59	63.25	29.01	#REF!	60.87	#DIV/0!
Min		1.11	0.20	0.20	0.00	0.11	34.54	#REF!	0.43	0.00
Max		2.14	1.26	0.77	0.26	0.64	73.29	#REF!	3.10	0.00
n		6	6	6	6	6	6	0	6	6
3/10/92-3,1-A	3	1.37	0.45	0.25	0.15	0.22	36.34	#REF!	0.54	0.00
3/10/92-3,1-B	3	1.41	0.79	0.35	0.52	0.35	41.70	#REF!	1.80	0.00
Average		1.39	0.62	0.30	0.34	0.28	39.02	#REF!	1.17	0.00
St. Dev.		0.03	0.24	0.07	0.26	0.09	3.79	#REF!	0.89	0.00
%RSD		2.24	38.38	23.06	77.68	33.10	9.72	#REF!	76.29	#DIV/0!
Min		1.37	0.45	0.25	0.15	0.22	36.34	#REF!	0.54	0.00
Max		1.41	0.79	0.35	0.52	0.35	41.70	#REF!	1.80	0.00
n		2	2	2	2	2	2	0	2	2
3/10/92-3,2-A	3	1.58	0.47	0.26	0.06	0.21	44.09	#REF!	1.01	0.00
3/10/92-3,2-B	3	1.53	0.82	0.40	0.07	0.53	45.11	#REF!	1.05	0.00
Average		1.56	0.65	0.33	0.07	0.37	44.60	#REF!	1.03	0.00
St. Dev.		0.04	0.24	0.09	0.01	0.23	0.72	#REF!	0.03	0.00
%RSD		2.37	37.73	28.76	13.94	60.64	1.62	#REF!	3.00	#DIV/0!
Min		1.53	0.47	0.26	0.06	0.21	44.09	#REF!	1.01	0.00
Max		1.58	0.82	0.40	0.07	0.53	45.11	#REF!	1.05	0.00
n		2	2	2	2	2	2	0	2	2
Average		1.47	0.64	0.32	0.20	0.33	41.81	#REF!	1.19	0.00
St. Dev.		0.10	0.20	0.07	0.22	0.15	3.92	#REF!	0.52	0.00
%RSD		6.74	31.13	22.06	107.15	45.87	9.36	#REF!	47.34	#DIV/0!
Min		1.37	0.45	0.25	0.06	0.21	36.34	#REF!	0.54	0.00
Max		1.58	0.82	0.40	0.52	0.53	45.11	#REF!	1.80	0.00
n		4	4	4	4	4	4	0	4	4
4,1-B (Σ1-3)	4	16.82	9.28	3.38	3.67	2.51	581.64	#REF!	3.91	0.51
3/18/92-4,2-A	4	10.36	5.43	1.83	3.52	1.46	313.61	#REF!	2.10	0.18
3/18/92-4,2-B	4	10.60	5.85	1.64	2.29	1.52	284.47	#REF!	1.71	0.19
Average		10.38	5.64	1.73	2.91	1.49	299.04	#REF!	1.90	0.19
St. Dev.		0.03	0.30	0.13	0.87	0.04	20.61	#REF!	0.28	0.01
%RSD		0.26	5.27	7.61	29.82	2.59	6.89	#REF!	14.49	3.82
Min		10.36	5.43	1.64	2.29	1.46	284.47	#REF!	1.71	0.18
Max		10.60	5.85	1.83	3.52	1.52	313.61	#REF!	2.10	0.19
n		2	2	2	2	2	2	0	2	2
Average		12.46	6.86	2.28	3.16	1.83	393.24	#REF!	2.57	0.29
St. Dev.		3.60	2.11	0.96	0.76	0.59	163.81	#REF!	1.16	0.19
%RSD		28.92	30.77	41.87	23.88	32.34	41.66	#REF!	45.71	65.38
Min		10.36	5.43	1.64	2.29	1.46	284.47	#REF!	1.71	0.18
Max		16.62	9.28	3.38	3.67	2.51	581.64	[illegible]	3.91	0.51
n		3	3	3	3	3	3	0	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng
2/27/92-0,0-A	0	0.00	0.00	0.00	0.00	0.04	1.29	0.00	0.01
2/27/92-0,0-B	0	0.00	0.00	0.02	0.19	0.10	0.45	0.00	0.00
Average		0.00	0.00	0.01	0.10	0.07	0.87	0.00	0.01
St. Dev.		0.00	0.00	0.01	0.14	0.04	0.60	0.00	0.01
%RSD		#DIV/0!	#DIV/0!	105.53	141.42	58.66	68.65	#DIV/0!	141.42
Min		0.00	0.00	0.00	0.00	0.04	0.45	0.00	0.00
Max		0.00	0.00	0.02	0.19	0.10	1.29	0.00	0.01
n		2	2	2	2	2	2	2	2
3/10/92-0 0	0	0.09	0.00	0.07	0.00	0.05	0.11	0.00	0.00
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		0.03	0.00	0.03	0.06	0.06	0.61	0.00	0.00
St. Dev.		0.05	0.00	0.03	0.11	0.03	0.61	0.00	0.01
%RSD		173.21	#DIV/0!	117.08	173.21	52.03	99.31	#DIV/0!	173.21
Min		0.00	0.00	0.00	0.00	0.04	0.11	0.00	0.00
Max		0.09	0.00	0.07	0.19	0.10	1.29	0.00	0.01
n		3	3	3	3	3	3	3	3
3/2/92-2,1-A	2	0.61	0.81	0.74	1.28	2.16	1.00	0.41	0.22
3/2/92-2,1-B	2	0.00	1.34	0.75	1.43	2.18	0.37	0.45	0.10
Average		0.31	1.07	0.75	1.35	2.17	0.69	0.43	0.16
St. Dev.		0.43	0.37	0.00	0.10	0.01	0.44	0.03	0.09
%RSD		141.42	34.64	0.58	7.54	0.53	64.61	7.93	53.56
Min		0.00	0.81	0.74	1.28	2.16	0.37	0.41	0.10
Max		0.61	1.34	0.75	1.43	2.18	1.00	0.45	0.22
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	1.33	0.84	2.87	2.24	0.96	0.49	0.72
3/2/92-2,2-B	2	0.00	2.06	1.01	3.97	2.97	0.99	0.00	0.29
Average		0.00	1.70	0.93	3.42	2.60	0.98	0.25	0.50
St. Dev.		0.00	0.51	0.12	0.78	0.51	0.02	0.35	0.31
%RSD		#DIV/0!	30.34	12.92	22.74	19.77	2.33	141.42	61.32
Min		0.00	1.33	0.84	2.87	2.24	0.96	0.00	0.29
Max		0.00	2.06	1.01	3.97	2.97	0.99	0.49	0.72
n		2	2	2	2	2	2	2	2
3/4/92-2,1-A	2	0.00	0.58	0.41	0.00	1.19	0.44	0.19	0.22
3/4/92-2,1-B	2	0.00	0.68	0.43	0.00	1.28	0.45	0.38	0.16
Average		0.00	0.63	0.42	0.00	1.23	0.45	0.29	0.19
St. Dev.		0.00	0.07	0.01	0.00	0.06	0.01	0.14	0.04
%RSD		#DIV/0!	10.97	2.93	#DIV/0!	4.84	1.52	48.56	22.87
Min		0.00	0.58	0.41	0.00	1.19	0.44	0.19	0.16
Max		0.00	0.68	0.43	0.00	1.28	0.45	0.38	0.22
n		2	2	2	2	2	2	2	2
Average		0.10	1.13	0.70	1.59	2.00	0.70	0.32	0.29
St. Dev.		0.25	0.56	0.24	1.58	0.67	0.31	0.19	0.22
%RSD		244.95	49.22	33.67	99.28	33.34	43.86	59.02	77.89
Min		0.00	0.58	0.41	0.00	1.19	0.37	0.00	0.10
Max		0.61	2.06	1.01	3.97	2.97	1.00	0.49	0.72
n		6	6	6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	0.43	0.20	1.50	1.22	0.24	0.00	0.15
3/10/92-3,1-B	3	0.00	0.54	0.50	1.70	1.41	0.54	0.30	0.26
Average		0.00	0.49	0.35	1.60	1.32	0.39	0.15	0.20
St. Dev.		0.00	0.08	0.21	0.14	0.13	0.21	0.21	0.08
%RSD		#DIV/0!	16.57	60.66	8.51	9.72	54.75	141.42	37.25
Min		0.00	0.43	0.20	1.50	1.22	0.24	0.00	0.15
Max		0.00	0.54	0.50	1.70	1.41	0.54	0.30	0.26
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.52	0.53	1.76	1.47	0.46	0.00	0.14
3/10/92-3,2-B	3	0.00	0.61	0.62	1.96	1.70	1.07	0.61	0.68
Average		0.00	0.56	0.58	1.86	1.58	0.76	0.31	0.41
St. Dev.		0.00	0.06	0.06	0.14	0.16	0.43	0.43	0.38
%RSD		#DIV/0!	11.33	11.23	7.55	10.15	56.88	141.42	92.02
Min		0.00	0.52	0.53	1.76	1.47	0.46	0.00	0.14
Max		0.00	0.61	0.62	1.96	1.70	1.07	0.61	0.68
n		2	2	2	2	2	2	2	2
Average		0.00	0.52	0.46	1.73	1.45	0.57	0.23	0.31
St. Dev.		0.00	0.07	0.18	0.19	0.19	0.35	0.29	0.25
%RSD		#DIV/0!	14.06	39.68	10.98	13.45	61.49	128.02	82.39
Min		0.00	0.43	0.20	1.50	1.22	0.24	0.00	0.14
Max		0.00	0.61	0.62	1.96	1.70	1.07	0.61	0.68
n		4	4	4	4	4	4	4	4
4,1-B (Σ1-3)	4	0.00	19.67	8.18	31.33	21.36	10.72	3.95	1.10
3/18/92-4,2-A	4	0.00	8.29	3.01	16.48	11.43	1.89	1.98	0.41
3/18/92-4,2-B	4	0.00	9.74	3.13	17.98	12.32	1.91	2.10	0.42
Average		0.00	9.02	3.07	17.23	11.88	1.90	2.04	0.42
St. Dev.		0.00	1.03	0.09	1.06	0.63	0.02	0.08	0.01
%RSD		#DIV/0!	11.38	2.85	6.17	5.30	0.95	4.07	3.18
Min		0.00	8.29	3.01	16.48	11.43	1.89	1.98	0.41
Max		0.00	9.74	3.13	17.98	12.32	1.91	2.10	0.42
n		2	2	2	2	2	2	2	2
Average		0.00	12.57	4.78	21.93	15.04	4.84	2.67	0.64
St. Dev.		0.00	6.19	2.95	8.18	5.50	5.09	1.11	0.39
%RSD		#DIV/0!	49.27	61.78	37.29	36.55	105.21	41.33	61.35
Min		0.00	8.29	3.01	16.48	11.43	1.89	1.98	0.41
Max		0.00	19.67	8.18	31.33	21.36	10.72	3.95	1.10
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PBS 1	Dynes/cm^2	IMP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng
3/27/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	201.88	19.20	3.81	2.54	12.65	1.14	12.01	2.30	17.71	48.78	0.00
Average		201.88	19.20	3.81	2.54	12.65	1.14	12.01	2.30	17.71	48.78	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		201.88	19.20	3.81	2.54	12.65	1.14	12.01	2.30	17.71	48.78	0.00
Max		201.88	19.20	3.81	2.54	12.65	1.14	12.01	2.30	17.71	48.78	0.00
n		1	1	1	1	1	1	1	1	1	1	1
3/10/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/18/92-0,0	0	0.00	0.00	0.26	0.00	0.00	0.00	0.00	13.04	0.00	0.00	0.00
3/10A/18 not composited												
Average		100.94	9.60	2.03	1.27	6.32	0.57	6.00	7.67	8.86	24.39	0.00
St. Dev.		142.75	13.57	2.51	1.80	8.93	0.80	8.49	7.40	12.52	34.50	0.00
%RSD		141.42	141.42	123.54	141.42	141.42	141.42	141.42	99.08	141.42	141.42	#DIV/0!
Min		0.00	0.00	0.26	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.00
Max		201.88	19.20	3.81	2.54	12.65	1.14	12.01	13.04	17.71	48.78	0.00
n		2	2	2	2	2	2	2	2	2	2	2
3/2/92-2,1-A	2	40.93	216.43	233.02	79.72	129.16	39.66	83.48	101.34	99.49	58.13	121.07
3/2/92-2,1-B	2	19.85	200.42	200.26	69.70	121.44	123.20	65.68	130.53	103.63	58.86	95.39
Average		30.41	208.43	216.64	74.71	125.30	81.43	74.58	115.89	101.56	58.49	107.23
St. Dev.		14.87	11.32	23.16	7.09	5.46	59.07	12.58	20.71	2.93	0.51	19.57
%RSD		48.92	5.43	10.69	9.49	4.36	72.54	16.87	17.87	2.88	0.88	18.25
Min		19.89	200.42	200.26	69.70	121.44	39.66	65.68	101.34	99.49	58.13	95.39
Max		40.92	216.43	233.02	79.72	129.16	123.20	83.48	130.53	103.63	58.86	121.07
n		2	2	2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,2-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		0	0	0	0	0	0	0	0	0	0	0
3/4/92-2,1-A	2	9.22	153.34	153.94	39.05	79.43	56.44	56.46	93.16	60.40	37.26	70.72
3/4/92-2,1-B	2	16.18	117.87	127.71	39.37	73.59	40.57	44.68	57.00	54.45	29.21	64.90
Average		12.70	135.60	140.83	39.20	76.51	48.50	50.57	75.08	57.43	33.24	67.81
St. Dev.		4.92	25.07	18.55	0.23	4.12	11.22	8.33	25.56	4.20	5.89	4.11
%RSD		38.75	18.49	13.17	0.60	5.39	23.13	16.47	34.05	7.32	17.12	6.07
Min		9.22	117.87	127.71	39.05	73.59	40.57	44.68	57.00	54.45	29.21	64.90
Max		16.18	153.34	153.94	39.37	79.43	56.44	56.46	93.16	60.40	37.26	70.72
n		2	2	2	2	2	2	2	2	2	2	2
Average		21.55	172.02	178.73	56.96	100.90	64.97	62.57	95.48	79.49	45.87	87.52
St. Dev.		13.65	44.94	47.00	20.91	28.44	39.58	16.57	30.26	25.65	14.95	25.92
%RSD		63.33	26.13	26.30	36.71	28.19	60.92	26.16	31.70	32.27	32.59	29.16
Min		9.22	117.87	127.71	39.05	73.59	39.66	44.68	57.00	54.45	29.21	64.90
Max		40.92	216.43	233.02	79.72	129.16	123.20	83.48	130.53	103.63	58.86	121.07
n		4	4	4	4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	12.04	176.27	178.77	56.38	109.83	72.54	63.36	106.57	79.64	46.23	3.30
3/10/92-3,1-B	3	17.98	224.11	233.43	45.37	115.95	83.06	75.59	120.54	65.63	57.10	78.14
Average		15.01	200.19	206.10	50.87	112.89	77.80	69.47	113.55	72.64	51.66	40.72
St. Dev.		4.20	33.83	38.65	7.78	4.33	7.44	8.65	9.88	9.91	7.69	52.92
%RSD		27.99	16.90	18.76	15.30	3.83	9.56	12.45	8.70	13.65	14.88	129.96
Min		12.04	176.27	178.77	45.37	109.83	72.54	63.36	106.57	65.63	46.23	3.30
Max		17.98	224.11	233.43	56.38	115.95	83.06	75.59	120.54	79.64	57.10	78.14
n		2	2	2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	17.40	144.86	144.73	53.87	92.83	68.27	61.68	64.95	68.53	38.51	97.96
3/10/92-3,2-B	3	22.04	168.38	186.64	54.95	107.41	54.32	46.52	89.94	75.27	44.96	95.73
Average		19.72	156.62	165.68	54.41	100.12	61.29	54.10	77.45	71.90	41.74	96.85
St. Dev.		3.23	16.65	29.64	0.77	10.31	9.86	10.72	17.68	4.76	4.56	2.99
%RSD		16.64	10.62	17.89	1.41	10.30	16.09	19.82	22.83	6.63	10.95	3.12
Min		17.40	144.86	144.73	53.87	92.83	54.32	46.52	64.95	68.53	38.51	95.73
Max		22.04	168.38	186.64	54.95	107.41	68.27	61.68	89.94	75.27	44.96	97.96
n		2	2	2	2	2	2	2	2	2	2	2
Average		17.36	178.41	185.89	52.64	106.51	69.55	61.79	95.49	72.27	46.70	68.28
St. Dev.		4.11	53.26	56.54	4.96	9.80	11.90	11.92	23.91	6.36	7.71	44.15
%RSD		23.65	18.65	19.66	9.41	9.20	17.12	19.29	25.03	8.81	16.51	64.66
Min		12.04	144.86	144.73	45.37	92.83	54.32	46.52	64.95	65.63	38.51	3.30
Max		22.04	224.11	233.43	56.38	115.95	83.06	75.59	120.54	79.64	57.10	97.96
n		4	4	4	4	4	4	4	4	4	4	4
4,1-B (2,1-5)	4	241.10	1562.73	1485.10	660.31	1019.82	776.35	644.09	851.74	880.38	464.34	1234.85
3/18/92-4,2-A	4	142.45	1236.39	1227.24	435.74	730.81	569.04	372.45	576.06	576.51	378.52	794.30
3/18/92-4,2-B	4	130.75	1193.01	1183.17	431.73	667.57	460.27	372.45	491.35	525.47	284.85	781.82
Average		136.60	1214.70	1205.21	433.74	699.19	514.66	341.86	533.71	550.99	331.68	788.06
St. Dev.		8.27	30.67	31.16	2.83	44.71	76.92	43.26	59.89	36.09	66.23	8.83
%RSD		6.06	2.52	2.59	0.65	6.40	14.95	12.65	11.22	6.55	19.97	1.12
Min		130.75	1193.01	1183.17	431.73	667.57	460.27	311.27	491.35	525.47	284.85	781.82
Max		142.45	1236.39	1227.24	435.74	730.81	569.04	372.45	576.06	576.51	378.52	794.30
n		2	2	2	2	2	2	2	2	2	2	2
Average		171.43	1330.71	1296.50	509.26	806.07	601.99	442.61	639.72	660.79	375.90	936.99
St. Dev.		60.61	202.10	163.09	130.85	187.80	160.58	177.15	188.44	191.88	89.78	258.03
%RSD		35.36	15.19	12.56	25.69	23.30	26.68	40.03	29.46	29.04	23.88	27.54
Min		130.75	1193.01	1183.17	431.73	667.57	460.27	311.27	491.35	525.47	284.85	781.82
Max		241.10	1562.73	1485.10	660.31	1019.82	776.35	644.09	851.74	880.38	464.34	1234.85
n		3	3	3	3	3	3	3	3	3	3	3

ND = Not determined

BBH PES2	Dynoform^2	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng
2 [illegible]/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	201.88	19.20	3.81	2.54	12.68	1.14	12.01	2.30	17.71	48.78	0.00
Average		201.88	19.20	3.81	2.54	12.68	1.14	12.01	2.30	17.71	48.78	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		201.88	19.20	3.81	2.54	12.68	1.14	12.01	2.30	17.71	48.78	0.00
Max		201.88	19.20	3.81	2.54	12.68	1.14	12.01	2.30	17.71	48.78	0.00
n		1	1	1	1	1	1	1	1	1	1	1
3/14/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/18/92-0,0	0	0.00	0.00	0.26	0.00	0.00	0.00	0.00	13.04	0.00	0.00	0.00
3/10&18 not compared												
Average		100.94	9.60	2.03	1.27	6.33	0.57	6.00	7.67	8.86	24.39	0.00
St. Dev.		142.75	13.57	2.51	1.80	8.95	0.80	8.49	7.80	12.52	34.50	0.00
%RSD		141.42	141.42	123.54	141.42	141.42	141.42	141.42	99.86	141.42	141.42	#DIV/0!
Min		0.00	0.00	0.26	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.00
Max		201.88	19.20	3.81	2.54	12.68	1.14	12.01	13.04	17.71	48.78	0.00
n		2	2	2	2	2	2	2	3	2	2	2
3/2/92-2,1-A	2	40.92	216.43	233.02	79.72	129.16	59.66	83.48	181.24	99.49	58.15	121.87
3/2/92-2,1-B	2	19.89	200.42	200.26	60.70	121.44	120.59	65.68	130.53	100.63	58.86	95.39
Average		30.41	208.43	216.64	74.71	125.30	81.45	74.58	115.89	101.56	58.49	107.23
St. Dev.		14.87	11.32	23.16	7.09	5.46	59.67	12.58	20.71	2.93	0.51	19.57
%RSD		48.92	5.43	10.69	9.49	4.36	72.54	16.87	17.87	2.88	0.88	18.25
Min		19.89	200.42	200.26	60.70	121.44	59.66	65.68	101.24	99.49	58.15	95.39
Max		40.92	216.43	233.02	79.72	129.16	120.59	83.48	130.53	100.63	58.86	121.87
n		2	2	2	2	2	2	2	3	2	2	2
3/2/92-2,2-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,2-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		0	0	0	0	0	0	0	0	0	0	0
3/4/92-2,1-A	2	9.22	153.34	153.94	39.08	79.43	56.44	56.46	99.16	60.40	37.26	78.72
3/4/92-2,1-B	2	16.18	117.87	127.71	39.57	73.59	40.57	44.68	57.00	54.45	20.21	64.90
Average		12.70	135.60	140.83	39.20	76.51	48.50	50.57	78.08	57.43	28.24	67.81
St. Dev.		4.92	25.07	18.55	0.25	4.12	11.22	8.33	25.56	4.20	5.69	6.11
%RSD		38.75	18.49	13.17	0.80	5.39	23.13	16.47	34.05	7.32	17.12	6.89
Min		9.22	117.87	127.71	39.08	73.59	40.57	44.68	57.00	54.45	20.21	64.90
Max		16.18	153.34	153.94	39.57	79.43	56.44	56.46	99.16	60.40	37.26	78.72
n		2	2	2	2	2	2	2	2	2	2	2
Average		21.55	172.02	178.73	56.96	100.90	64.97	62.97	95.68	79.69	45.87	87.52
St. Dev.		13.65	44.94	47.00	20.91	28.44	39.58	16.37	30.26	25.65	14.95	25.52
%RSD		63.33	26.13	26.30	36.71	28.19	60.92	26.16	31.70	32.27	32.59	29.16
Min		9.22	117.87	127.71	39.03	73.59	39.66	44.68	57.00	54.45	20.21	64.90
Max		40.92	216.43	233.02	79.72	129.16	123.30	83.48	130.53	105.63	58.86	121.87
n		4	4	4	4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	12.04	176.27	178.77	56.36	109.83	72.54	63.36	106.57	79.64	44.23	3.30
3/10/92-3,1-B	3	17.98	224.11	233.43	45.37	115.95	83.06	75.59	120.54	65.63	37.10	78.14
Average		15.01	200.19	206.10	50.87	112.89	77.80	69.47	113.55	72.64	41.66	40.72
St. Dev.		4.20	33.83	38.65	7.78	4.33	7.44	8.65	9.88	9.91	7.66	52.92
%RSD		27.99	16.90	18.76	15.30	3.83	9.56	12.45	8.70	13.65	14.88	129.96
Min		12.04	176.27	178.77	45.37	109.83	72.54	63.36	106.57	65.63	46.23	3.30
Max		17.98	224.11	233.43	56.36	115.95	83.06	75.59	120.54	79.64	37.10	78.14
n		2	2	2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	17.40	144.86	144.73	53.87	92.83	66.27	61.48	64.93	68.53	38.51	97.96
3/10/92-3,2-B	3	22.04	168.38	186.64	54.95	107.41	54.32	46.52	89.94	75.27	44.96	93.73
Average		19.72	156.62	165.68	54.41	100.12	61.29	54.10	77.43	71.90	41.74	95.85
St. Dev.		3.28	16.63	29.64	0.77	10.31	9.86	10.72	17.68	4.76	4.56	2.99
%RSD		16.64	10.62	17.89	1.41	10.30	16.09	19.82	22.83	6.63	10.93	3.12
Min		17.40	144.86	144.73	53.87	92.83	54.32	46.52	64.93	68.53	38.51	93.73
Max		22.04	168.38	185.64	54.95	107.41	66.27	61.48	89.94	75.27	44.96	97.96
n		2	2	2	2	2	2	2	2	2	2	2
Average		17.36	178.41	185.89	52.64	106.51	69.55	61.79	95.49	72.27	44.70	98.28
St. Dev.		4.12	33.26	36.54	4.96	9.80	11.90	11.92	23.91	6.36	7.71	44.15
%RSD		23.65	18.65	19.66	9.41	9.20	17.12	19.29	25.05	8.81	16.51	44.66
Min		12.04	144.86	144.73	45.37	92.83	54.32	46.52	64.93	65.63	38.51	3.30
Max		22.04	224.11	233.43	56.36	115.95	83.06	75.59	120.54	79.64	37.10	97.96
n		4	4	4	4	4	4	4	4	4	4	4
4,1-B (2,1-3)	4	241.10	1562.73	1485.10	660.31	1019.82	776.35	644.09	851.74	980.36	464.34	1234.85
3/18/92-4,2-A	4	142.45	1236.59	1227.24	435.74	730.81	569.04	311.27	576.05	576.51	378.52	794.30
3/18/92-4,2-B	4	130.75	1193.01	1183.17	431.73	667.57	460.27	372.45	491.35	525.47	284.85	781.82
Average		136.60	1214.70	1205.21	433.74	699.19	514.66	341.86	535.71	550.99	331.69	788.06
St. Dev.		8.27	30.67	31.16	2.83	44.71	76.92	43.26	59.89	36.09	66.73	8.88
%RSD		6.06	2.53	2.59	0.65	6.40	14.95	12.65	11.22	6.55	19.97	1.12
Min		130.75	1193.01	1183.17	431.73	667.57	460.27	311.27	491.35	525.47	284.85	781.82
Max		142.45	1236.59	1227.24	435.74	730.81	569.04	372.45	576.05	576.51	378.52	794.30
n		2	2	2	2	2	2	2	2	2	2	2
Average		171.63	1330.71	1298.10	509.26	806.07	601.89	442.61	626.72	660.79	375.00	936.09
St. Dev.		60.61	202.10	163.09	130.65	187.10	160.58	177.15	186.44	191.88	89.78	258.03
%RSD		35.36	15.19	12.56	25.69	23.20	26.68	40.03	29.76	29.04	23.95	27.56
Min		130.75	1193.01	1183.17	431.73	667.57	460.27	311.27	491.35	525.47	284.85	781.82
Max		241.10	1562.73	1485.10	660.31	1019.82	776.35	644.09	851.74	980.36	464.34	1234.85
n		3	3	3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	DBA, ng	BPE, ng	Σ PAHs, ng	CB008, ng/L	CB018, ng/l	CB028, ng/l	CB044, ng/l	CB0[illegible], ng/l	CB052, ng/l
2/27/93-0.0-A	0	LOST	LOST	LOST	20.55	0.00	0.00	0.78	0.00	0.00
2/27/93-0.0-B	0	574.82	0.00	1666.63	8.13	0.00	0.00	2.82	0.83	0.00
Average		574.82	0.00	1666.63	14.34	0.00	0.00	1.80	0.42	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	8.79	0.00	0.00	1.44	0.59	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	61.27	#DIV/0!	#DIV/0!	80.08	141.42	#DIV/0!
Min		574.82	0.00	1666.63	8.13	0.00	0.00	0.78	0.00	0.00
Max		574.82	0.00	1666.63	20.55	0.00	0.00	2.82	0.83	0.00
n		1	1	1	2	2	2	2	2	2
3/10/93-0.0	0	LOST	LOST	LOST	0.72	0.00	0.00	0.00	0.00	0.00
3/18/93-0.0	0	38.10	0.00	67.32	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared										
Average		306.46	0.00	866.97	9.80	0.00	0.00	1.20	0.28	0.00
St. Dev.		379.52	0.00	1130.38	10.02	0.00	0.00	1.45	0.48	0.00
% RSD		123.84	#DIV/0!	130.44	102.29	#DIV/0!	#DIV/0!	121.30	173.21	#DIV/0!
Min		38.10	0.00	67.32	0.72	0.00	0.00	0.00	0.00	0.00
Max		574.82	0.00	1666.65	20.55	0.00	0.00	2.82	0.83	0.00
n		2	2	2	3	3	3	3	3	3
3/2/93-2.1-A	2	11.82	147.38	1579.12	13.44	0.00	3.98	91.25	95.26	68.37
3/2/93-2.1-B	2	1.29	150.91	1563.37	7.54	12.86	2.45	77.32	79.69	63.42
Average		6.56	149.15	1571.24	10.49	6.43	3.18	85.28	87.47	65.90
St. Dev.		7.44	2.50	11.14	4.17	9.09	1.04	11.27	11.36	3.50
% RSD		113.50	1.67	0.71	39.78	141.42	32.67	13.21	13.54	5.31
Min		1.29	147.38	1563.37	7.54	0.00	2.45	77.32	79.69	63.42
Max		11.82	150.91	1579.12	13.44	12.86	3.98	93.25	95.26	68.37
n		2	2	2	2	2	2	2	2	2
3/2/93-2.2-A	2	LOST	LOST	LOST	24.66	9.22	0.00	85.45	84.26	52.57
3/2/93-2.2-B	2	LOST	LOST	LOST	26.30	24.66	0.00	115.14	118.92	98.95
Average		#DIV/0!	#DIV/0!	#DIV/0!	25.50	16.94	0.00	100.30	101.59	75.76
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	1.29	10.92	0.00	20.99	24.49	32.79
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	5.05	64.46	#DIV/0!	20.93	23.44	43.28
Min		0.00	0.00	0.00	24.66	9.22	0.00	85.45	84.86	52.57
Max		0.00	0.00	0.00	26.30	24.66	0.00	115.14	118.92	98.96
n		0	0	0	2	2	2	2	2	2
3/4/93-2.1-A	2	12.64	89.43	1080.90	7.80	9.40	0.00	55.35	56.00	37.76
3/4/93-2.1-B	2	0.84	88.47	873.64	5.27	6.40	0.00	49.95	50.35	37.86
Average		6.74	88.45	980.27	6.50	7.90	0.00	52.64	53.17	37.78
St. Dev.		8.35	4.22	123.99	1.85	2.50	0.00	3.80	4.01	0.08
% RSD		123.89	4.80	12.87	28.09	31.66	#DIV/0!	7.28	7.54	0.08
Min		0.84	88.47	873.64	5.27	6.40	0.00	49.95	50.35	37.7[illegible]
Max		12.64	89.43	1080.90	7.80	9.40	0.00	55.35	56.00	37.[illegible]
n		2	2	2	2	2	2	2	2	2
Average		6.65	117.80	1287.26	14.22	10.46	1.06	78.41	80.06	59.81
St. Dev.		6.46	36.31	370.20	9.25	8.25	1.71	24.82	25.47	22.90
% RSD		97.14	30.82	28.77	64.89	78.10	161.80	30.42	31.80	38.43
Min		0.84	88.47	873.64	5.27	0.00	0.00	49.78	50.35	37.76
Max		12.64	150.91	1579.12	26.30	24.66	3.98	115.14	118.92	98.95
n		4	4	4	6	6	6	6	6	6
3/10/93-3.1-A	3	6.35	108.19	1144.[illegible]	1.75	2.47	0.00	43.26	46.00	31.88
3/10/93-3.1-B	3	2.23	102.43	1441.33	2.45	3.46	0.00	34.40	35.43	43.16
Average		4.26	105.31	1293.21	2.00	3.05	0.00	38.83	38.73	37.57
St. Dev.		2.88	4.07	209.44	0.32	0.88	0.00	6.73	6.41	7.98
% RSD		67.53	3.87	15.90	23.03	27.03	#DIV/0!	15.40	13.82	21.06
Min		2.23	102.43	1140.00	1.75	2.47	0.00	43.26	44.06	31.88
Max		6.35	108.19	1441.33	2.45	3.46	0.00	34.40	35.43	43.16
n		2	2	2	2	2	2	2	2	2
3/17/93-3.2-A	3	2.81	111.70	1287.80	0.00	2.47	0.00	69.50	51.71	49.46
3/10/93-3.2-B	3	7.28	115.96	1260.72	1.94	2.11	0.00	54.04	58.94	44.17
Average		3.05	113.88	1260.35	0.97	2.30	0.00	48.72	62.35	46.81
St. Dev.		3.14	2.96	[illegible]	1.37	0.30	0.00	2.72	0.00	3.74
% RSD		62.02	2.60	3.43	141.42	16.34	#DIV/0!	4.3[illegible]	1.42	7.99
Min		2.81	111.70	1260.72	0.00	2.11	0.00	[illegible]	61.73	44.17
Max		7.28	115.86	1287.80	1.94	2.47	0.00	64.04	62.94	49.46
n		2	2	2	2	2	2	2	2	2
Average		4.05	109.40	1272.86	1.33	2.72	0.00	50.34	50.30	42.19
St. Dev.		2.31	3.76	128.44	1.00	0.45	0.00	8.45	7.72	7.35
% RSD		53.91	5.26	10.10	69.3[illegible]	23.97	#DIV/0!	14.96	13.46	17.41
Min		2.23	102.43	1140.00	0.00	2.11	0.00	43.26	44.06	31.96
Max		7.28	115.96	1441.33	2.43	3.46	0.00	56.04	61.50	49.46
n		4	4	4	4	4	4	4	4	4
4.1-B (Z1-B)	4	104.15	1304.86	13068.97	116.32	223.27	22.10	855.48	766.46	667.81
3/18/93-4.2-A	4	74.39	984.31	9220.14	96.12	184.41	6.83	857.89	385.91	600.90
3/18/93-4.2-B	4	72.18	867.80	8468.63	98.30	199.26	7.45	794.30	560.25	664.31
Average		73.20	926.07	[illegible]	97.23	191.90	7.14	825.86	672.57	687.10
St. Dev.		1.56	58.09	709.11	1.61	10.71	0.44	44.36	47.16	18.89
% RSD		2.13	9.79	8.37	1.65	5.36	6.20	5.37	5.69	2.75
Min		72.18	857.86	8468.[illegible]	96.13	184.41	6.83	794.30	639.33	664.31
Max		74.39	984.31	9220.14	98.30	199.26	7.45	857.89	705.91	683.90
n		2	2	2	2	2	2	2	2	2
Average		100.57	[illegible]	[illegible]	103.67	202.80	12.13	852.57	828.13	680.67
St. Dev.		32.47	248.78	2599.40	11.19	20.46	8.66	33.25	[illegible]	14.21
% RSD		30.46	23.33	24.96	10.79	10.17	71.38	4.28	6.31	2.15
Min		72.18	857.80	8468.63	96.13	184.41	6.83	794.30	639.33	664.31
Max		104.15	1304.86	13068.97	116.32	223.27	22.10	857.89	705.91	689.90
n		3	3	3	3	3	3	3	3	3

* D = Not Determined

BRH PES2	Dyne-hour^2	CB104, ng/l	CB044, ng/l	CB066, ng/l	CB101, ng/l	CB087, ng/l	CB077, ng/l	CB126, ng/l	CB110, ng/l
2/27/03-A-B-A	0	0.00	0.00	1.15	1.31	0.00	0.00	4.70	8.10
2/27/03-A-B-B	0	0.00	0.00	0.58	2.89	0.00	0.00	3.18	3.19
Average		0.00	0.00	0.86	2.14	0.00	0.00	3.94	5.64
St. Dev.		0.00	0.00	0.46	1.06	0.00	0.00	1.07	3.47
%RSD		#DIV/0!	#DIV/0!	55.61	51.36	#DIV/0!	#DIV/0!	27.26	61.58
Min		0.00	0.00	0.53	1.31	0.00	0.00	3.18	3.19
Max		0.00	0.00	1.15	2.89	0.00	0.00	4.70	8.10
n		2	2	2	2	2	2	2	2
3/10/03-A-0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00
3/10/03-A-0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10/03 not composited									
Average		0.00	0.00	0.58	1.57	0.00	0.33	2.57	3.06
St. Dev.		0.00	0.00	0.58	1.48	0.00	0.57	2.00	3.86
%RSD		#DIV/0!	#DIV/0!	100.76	102.31	#DIV/0!	173.21	69.65	98.20
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00
Max		0.00	0.00	1.15	2.89	0.00	0.99	4.70	8.10
n		3	3	3	3	3	3	3	3
3/5/03-3-1-A	2	0.00	19.09	53.01	121.89	43.69	10.01	69.61	175.05
3/5/03-3-1-B	2	3.55	18.00	53.16	122.54	44.33	10.31	70.13	180.34
Average		1.77	18.96	53.77	122.67	43.96	10.16	69.87	178.19
St. Dev.		2.51	0.21	0.30	0.19	0.51	0.21	0.37	3.17
%RSD		141.42	1.10	0.55	0.15	1.17	2.11	0.53	1.78
Min		0.00	18.80	53.56	122.54	43.69	10.01	69.61	175.05
Max		3.55	19.09	53.01	122.80	44.33	10.31	70.13	180.34
n		2	2	2	2	2	2	2	2
3/5/03-3-3-A	2	6.21	5.90	65.01	126.79	45.34	7.40	72.15	187.33
3/5/03-3-3-B	2	9.00	36.05	68.00	142.39	61.25	16.74	95.59	119.71
Average		7.56	21.27	36.51	144.59	53.30	12.07	83.87	153.47
St. Dev.		2.32	22.74	16.28	25.17	11.34	6.61	16.58	47.75
%RSD		29.30	102.22	26.10	17.41	21.28	54.74	19.77	31.11
Min		6.21	5.90	43.01	126.79	45.34	7.40	72.15	119.71
Max		9.00	36.05	68.00	142.39	61.25	16.74	95.59	187.33
n		2	2	2	2	2	2	2	2
3/4/03-3-1-A	2	0.00	5.46	33.69	76.53	23.84	3.49	36.39	107.88
3/4/03-3-1-B	2	9.91	6.82	33.23	88.10	24.86	10.28	41.11	109.86
Average		4.96	6.14	33.41	78.31	24.36	6.99	38.75	108.87
St. Dev.		7.01	0.96	0.26	2.28	0.74	5.07	1.98	1.40
%RSD		141.42	15.66	0.80	3.23	3.04	72.57	4.84	1.29
Min		0.00	5.46	33.23	76.53	23.84	3.49	36.39	107.88
Max		9.91	6.82	33.69	88.10	24.86	10.28	41.11	109.86
n		2	2	2	2	2	2	2	2
Average		4.50	15.45	47.24	115.19	40.53	9.74	64.50	146.28
St. Dev.		4.45	12.16	13.70	32.25	14.14	4.30	21.39	38.28
%RSD		98.91	78.71	29.00	28.00	34.90	44.16	33.34	26.15
Min		0.00	5.46	33.23	76.53	23.84	3.49	36.39	107.88
Max		9.91	36.05	68.00	168.39	61.25	16.74	95.59	187.33
n		6	6	6	6	6	6	6	6
3/10/03-3-1-A	3	5.08	3.98	31.32	79.75	26.66	4.39	39.45	117.67
3/10/03-3-1-B	3	13.05	5.93	36.11	94.05	28.98	4.88	45.28	129.75
Average		9.46	4.82	33.71	86.90	27.82	4.63	42.36	123.71
St. Dev.		4.95	1.37	3.39	10.11	1.64	0.35	4.12	8.54
%RSD		52.11	28.43	10.05	11.63	5.88	7.61	9.72	6.90
Min		5.08	3.98	31.32	79.75	26.66	4.39	39.45	117.67
Max		13.85	5.93	36.11	94.05	28.98	4.88	45.28	129.75
n		2	2	2	2	2	2	2	2
3/10/03-3-3-A	3	0.00	0.15	39.18	102.96	31.11	4.79	47.34	145.67
3/10/03-3-3-B	3	12.18	0.17	35.34	101.70	31.70	2.72	54.55	149.55
Average		6.09	0.16	37.26	102.33	31.41	3.76	50.99	147.61
St. Dev.		8.61	0.01	2.72	0.89	0.42	1.47	5.16	2.74
%RSD		141.42	133.66	7.30	0.87	1.33	39.11	10.15	1.86
Min		0.00	0.17	35.34	101.70	31.11	2.72	47.34	145.67
Max		12.18	0.15	39.18	102.96	31.70	4.79	54.65	149.55
n		2	2	2	2	2	2	2	2
Average		7.78	[illegible]	35.49	96.61	29.61	4.30	46.68	135.66
St. Dev.		6.05		3.24	10.66	2.29	1.01	6.28	14.74
%RSD		77.82		9.12	11.27	7.73	24.05	13.45	10.87
Min		0.00		31.32	79.75	26.66	2.72	39.45	117.67
Max		12.99		39.18	102.96	31.70	4.88	54.65	149.55
n		4	4	4	4	4	4	4	4
4.1-B CLA-B	4	31.98	358.08	523.36	1044.07	487.83	138.61	688.06	1581.96
3/18/03-3-3-A	4	27.19	322.17	553.94	1120.08	527.04	137.21	736.14	1743.99
3/18/03-3-3-B	4	21.68	351.43	534.62	1062.82	548.70	151.49	793.66	1756.61
Average		26.44	336.80	541.20	1091.43	537.87	144.35	764.91	1750.30
St. Dev.		3.89	20.69	13.66	40.45	15.31	10.10	40.69	8.92
%RSD		15.99	6.14	2.51	3.71	2.85	7.00	5.32	0.51
Min		21.68	322.17	534.62	1062.82	527.04	137.21	736.14	1743.99
Max		27.19	351.43	553.94	1120.08	548.70	151.49	793.66	1756.61
n		2	2	2	2	2	2	2	2
Average		26.95	341.90	537.31	1075.64	521.19	142.30	739.29	1669.18
St. Dev.		5.15	17.08	15.46	39.57	30.85	7.33	52.98	97.39
%RSD		19.11	5.00	2.88	3.68	5.92	5.49	7.15	5.75
Min		21.68	322.17	523.36	1044.07	487.83	137.21	688.06	1581.96
Max		31.98	358.08	553.94	1120.08	548.70	151.49	793.66	1756.61
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	CB188, ng/l	CB153, ng/l	CB180, ng/l	CB138, ng/l	CB126, ng/l	CB187, ng/l	CB128, ng/l	CB200, ng/l
2/27/92-0.0-A	0	0.00	2.60	0.30	0.00	0.00	0.00	0.00	0.00
2/27/92-0.0-B	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average		0.00	1.30	0.15	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	1.84	0.21	0.00	0.00	0.00	0.00	0.00
%RSD		#DIV/0!	141.42	141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	2.60	0.30	0.00	0.00	0.00	0.00	0.00
n		2	2	2	2	2	2	2	2
3/10/92-0.0	0	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/18/92-0.0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10,0.0 not compared									
Average		0.09	0.87	0.10	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.16	1.50	0.17	0.00	0.00	0.00	0.00	0.00
%RSD		173.21	173.21	173.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.28	2.60	0.30	0.00	0.00	0.00	0.00	0.00
n		3	3	3	3	3	3	3	3
3/2/92-2.1-A	2	22.17	98.60	60.05	118.16	9.81	27.40	16.91	0.00
3/2/92-2.1-B	2	20.77	98.09	63.53	116.50	9.30	25.27	17.25	0.00
Average		21.47	98.35	61.78	117.33	9.46	26.33	17.10	0.00
St. Dev.		0.99	0.36	2.46	1.17	0.23	1.51	0.26	0.00
%RSD		4.60	0.37	4.01	1.00	2.44	5.73	1.52	#DIV/0!
Min		20.77	98.09	60.05	116.50	9.30	25.27	16.91	0.00
Max		22.17	98.60	63.53	118.16	9.81	27.40	17.25	0.00
n		2	2	2	2	2	2	2	2
3/2/92-2.2-A	2	22.93	97.14	63.39	128.00	12.23	22.72	15.91	0.00
3/2/92-2.2-B	2	25.49	115.04	80.86	132.15	14.21	28.96	24.43	6.56
Average		24.21	106.09	72.09	130.07	13.22	25.84	20.17	3.28
St. Dev.		1.82	13.66	12.31	2.95	1.40	4.41	6.02	4.64
%RSD		7.53	11.93	17.07	2.25	10.56	17.07	29.89	141.42
Min		22.93	97.14	63.39	128.00	12.23	22.72	15.91	0.00
Max		25.49	115.04	80.80	132.15	14.21	28.96	24.43	6.56
n		2	2	2	2	2	2	2	2
3/4/92-2.1-A	2	12.88	58.27	35.06	64.84	5.08	13.94	8.65	0.00
3/4/92-2.1-B	2	13.54	59.69	35.80	64.83	4.79	12.10	9.05	0.00
Average		13.18	58.98	35.47	65.84	4.91	13.02	8.85	0.00
St. Dev.		0.31	1.00	0.39	1.43	0.17	1.31	0.29	0.00
%RSD		3.83	1.70	1.66	2.17	3.39	10.04	3.23	#DIV/0!
Min		12.88	58.27	35.06	64.83	4.79	12.10	8.65	0.00
Max		13.54	59.69	35.80	66.86	5.08	13.94	9.05	0.00
n		2	2	2	2	2	2	2	2
Average		19.62	87.80	56.45	104.42	9.19	21.73	15.37	1.09
St. Dev.		5.22	23.30	17.80	30.46	3.76	7.69	5.89	2.68
%RSD		26.61	26.54	31.53	29.17	41.08	35.38	38.32	244.95
Min		12.88	58.27	35.06	64.83	4.79	12.10	8.65	0.00
Max		25.49	115.04	80.80	132.15	14.21	28.96	24.43	6.56
n		6	6	6	6	6	6	6	6
3/10/92-3.1-A	3	15.19	70.46	38.50	78.52	8.00	16.38	14.70	0.00
3/10/92-3.1-B	3	15.92	72.09	42.99	82.50	8.65	18.28	10.87	0.00
Average		15.56	71.28	40.75	80.26	7.52	17.33	12.36	0.00
St. Dev.		0.52	1.16	3.18	2.46	0.95	1.35	3.31	0.00
%RSD		3.32	1.63	7.80	3.07	13.04	7.77	26.79	#DIV/0!
Min		15.19	70.46	38.50	78.52	6.65	16.38	10.02	0.00
Max		15.92	72.09	42.99	82.50	8.00	18.28	14.70	0.00
n		2	2	2	2	2	2	2	2
3/10/92-3.2-A	3	18.40	85.09	48.64	86.35	5.75	19.80	12.14	0.00
3/10/92-3.2-B	3	18.63	76.28	50.04	89.47	7.71	17.05	12.18	0.00
Average		18.51	80.68	49.34	87.91	6.72	18.42	12.16	0.00
St. Dev.		0.16	6.23	0.99	2.21	1.40	1.94	0.03	0.00
%RSD		0.86	7.72	2.01	2.51	20.89	10.52	0.22	#DIV/0!
Min		18.40	76.28	48.64	86.35	5.75	17.05	12.14	0.00
Max		18.63	85.09	50.04	89.47	7.71	19.80	12.18	0.00
n		2	2	2	2	2	2	2	2
Average		17.03	75.96	45.05	84.08	7.02	17.86	12.26	0.00
St. Dev.		1.74	6.56	5.32	4.81	1.04	1.50	1.92	0.00
%RSD		10.19	8.63	11.81	5.72	14.81	8.40	15.65	#DIV/0!
Min		15.19	70.46	38.50	78.52	5.75	16.38	10.02	0.00
Max		18.63	85.09	50.04	89.47	8.00	19.80	14.70	0.00
n		4	4	4	4	4	4	4	4
4,1-B (E1-5)	4	163.87	811.36	712.87	1038.56	66.05	221.13	203.24	46.47
3/18/92-4.2-A	4	187.14	944.96	758.16	1235.14	90.81	260.49	215.70	60.14
3/18/92-4.2-B	4	179.44	922.77	831.49	152.54	93.51	256.98	240.25	29.47
Average		183.29	933.87	794.83	693.54	92.16	258.73	227.98	44.81
St. Dev.		5.44	15.69	51.86	765.52	1.91	2.48	17.35	21.69
%RSD		2.97	1.68	6.52	110.33	2.07	0.96	7.61	48.40
Min		179.44	922.77	758.16	152.54	90.81	256.98	215.70	29.47
Max		187.14	944.96	831.49	1235.14	93.51	260.49	240.25	60.14
n		2	2	2	2	2	2	2	2
Average		174.81	895.03	767.51	813.41	83.45	249.20	219.73	45.36
St. Dev.		11.85	71.59	59.86	580.82	15.13	21.78	18.83	15.36
%RSD		6.70	8.02	7.80	71.23	18.13	8.85	8.57	33.87
Min		163.87	811.36	712.87	152.54	66.05	221.13	203.24	29.47
Max		187.14	944.96	831.49	1235.14	93.51	260.49	240.25	60.14
n		3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dyes/cm^2	CB180, ng/l	CB170, ng/l	CB138, ng/l	CB206, ng/l	CB209, ng/l	CB sum, ng/l	Σ PCB, ng/l	HCB, ng/l
2/27/92-0.0-A	0	0.80	0.00	0.00	0.00	0.00	40.30	#VALUE!	20.17
2/27/92-0.0-B	0	0.00	0.00	0.00	0.00	0.00	21.45	#VALUE!	11.02
Average		0.40	0.00	0.00	0.00	0.00	30.88	#VALUE!	15.59
St. Dev.		0.56	0.00	0.00	0.00	0.00	13.33	#VALUE!	6.04
%RSD		141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	43.16	#VALUE!	38.02
Min		0.00	0.00	0.00	0.00	0.00	21.45	#VALUE!	11.02
Max		0.80	0.00	0.00	0.00	0.00	40.30	#VALUE!	20.17
n		2	2	2	2	2	2	0	2
3/10/92-0.0	0	0.00	0.00	0.00	0.00	0.00	3.21	#VALUE!	7.86
3/18/92-0.0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared									
Average		0.27	0.00	0.00	0.00	0.00	21.66	#VALUE!	13.22
St. Dev.		0.46	0.00	0.00	0.00	0.00	18.54	#VALUE!	6.30
%RSD		173.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	85.63	#VALUE!	47.70
Min		0.00	0.00	0.00	0.00	0.00	3.21	#VALUE!	7.86
Max		0.80	0.00	0.00	0.00	0.00	40.30	#VALUE!	20.17
n		3	3	3	3	3	3	0	3
3/2/92-2.1-A	2	34.65	25.26	6.60	5.10	6.73	1201.04	#VALUE!	42.06
3/2/92-2.1-B	2	39.16	12.55	3.96	2.51	6.68	1160.79	#VALUE!	8.46
Average		37.90	18.91	5.28	3.81	6.70	1181.42	#VALUE!	25.26
St. Dev.		1.78	8.99	1.87	1.85	0.05	29.17	#VALUE!	37.76
%RSD		4.69	47.53	35.37	48.19	0.72	2.47	#VALUE!	106.78
Min		34.65	12.55	3.96	2.51	6.68	1160.79	#VALUE!	8.46
Max		39.16	25.26	6.60	5.10	6.73	1202.04	#VALUE!	42.06
n		2	2	2	2	2	2	0	2
3/2/92-2.2-A	2	37.76	20.56	15.45	0.18	12.77	1201.84	#VALUE!	23.42
3/2/92-2.2-B	2	42.88	23.60	7.15	4.06	6.57	1465.85	#VALUE!	28.23
Average		40.32	21.98	11.29	2.12	9.67	1333.85	#VALUE!	25.82
St. Dev.		3.62	2.01	5.26	2.74	4.36	186.64	#VALUE!	1.99
%RSD		8.98	9.15	52.09	129.23	45.31	14.00	#VALUE!	7.71
Min		37.76	20.56	7.15	0.18	6.57	1201.84	#VALUE!	23.42
Max		42.88	23.60	15.45	4.06	12.77	1465.85	#VALUE!	28.23
n		2	2	2	2	2	2	0	2
3/4/92-3.1-A	2	22.20	6.59	5.19	0.00	2.22	899.78	#VALUE!	22.52
3/4/92-3.1-B	2	22.72	3.91	5.54	0.26	2.11	858.46	#VALUE!	27.46
Average		22.46	5.25	5.37	0.13	2.16	884.62	#VALUE!	24.99
St. Dev.		0.37	1.89	0.25	0.18	0.07	5.43	#VALUE!	3.49
%RSD		1.64	36.07	4.62	141.42	3.36	0.78	#VALUE!	13.97
Min		22.20	3.91	5.19	0.00	2.11	858.78	#VALUE!	22.52
Max		22.72	6.59	5.54	0.26	2.22	858.46	#VALUE!	27.46
n		2	2	2	2	2	2	0	2
Average		33.56	15.96	7.31	2.68	6.18	1060.96	#VALUE!	20.06
St. Dev.		8.86	9.01	4.14	2.21	3.91	310.56	#VALUE!	17.09
%RSD		26.39	56.57	56.58	109.59	63.25	29.01	#VALUE!	66.87
Min		22.20	3.91	3.96	0.00	2.11	899.78	#VALUE!	8.46
Max		42.88	25.26	15.45	5.10	12.77	1465.85	#VALUE!	42.06
n		6	6	6	6	6	6	0	6
3/10/92-3.1-A	3	27.32	9.20	5.08	3.85	4.34	726.72	#VALUE!	10.75
3/10/92-3.1-B	3	28.26	15.87	7.85	10.50	7.09	833.96	#VALUE!	35.95
Average		27.82	12.48	6.06	6.77	5.67	780.34	#VALUE!	23.35
St. Dev.		0.62	4.79	1.40	5.26	1.81	75.83	#VALUE!	17.81
%RSD		2.24	38.36	23.06	77.68	33.20	9.72	#VALUE!	76.29
Min		27.38	9.69	5.08	3.85	4.34	726.72	#VALUE!	10.75
Max		28.26	15.87	7.85	10.50	7.09	833.96	#VALUE!	35.95
n		2	2	2	2	2	2	0	2
3/10/92-3.2-A	3	31.65	9.47	5.26	1.23	4.36	881.85	#VALUE!	20.19
3/10/92-3.2-B	3	30.60	16.37	7.95	1.59	10.66	902.29	#VALUE!	21.07
Average		31.12	12.92	6.61	1.36	7.46	892.07	#VALUE!	20.63
St. Dev.		0.74	4.87	1.90	0.19	4.53	14.45	#VALUE!	0.62
%RSD		2.37	37.73	28.76	13.94	60.64	1.62	#VALUE!	3.00
Min		30.60	9.47	5.26	1.23	4.36	881.85	#VALUE!	20.19
Max		31.65	16.37	7.95	1.59	10.66	902.29	#VALUE!	21.07
n		2	2	2	2	2	2	0	2
Average		29.47	12.70	6.34	4.07	6.57	836.20	#VALUE!	21.99
St. Dev.		1.99	3.95	1.48	4.36	3.01	78.41	#VALUE!	10.41
%RSD		6.74	31.13	22.08	107.15	45.87	9.38	#VALUE!	47.34
Min		27.38	9.09	5.08	1.23	4.36	726.72	#VALUE!	10.75
Max		31.65	16.37	7.95	10.50	10.66	902.29	#VALUE!	35.95
n		4	4	4	4	4	4	0	4
4.1-B (C1-3)	4	388.43	185.57	67.37	73.41	50.25	11632.75	#VALUE!	78.25
3/18/92-4.2-A	4	414.39	217.52	75.08	140.82	58.45	12544.44	#VALUE!	73.94
3/18/92-4.2-B	4	415.92	234.16	65.57	91.77	60.68	11378.75	#VALUE!	68.34
Average		415.16	225.74	69.76	116.30	59.54	11961.60	#VALUE!	76.14
St. Dev.		1.09	11.90	5.27	34.68	1.54	824.26	#VALUE!	11.05
%RSD		0.26	5.27	7.61	29.82	2.59	6.89	#VALUE!	14.49
Min		414.39	217.52	65.57	91.77	58.45	11378.75	#VALUE!	68.34
Max		415.92	234.16	73.08	140.82	60.68	12544.44	#VALUE!	83.94
n		2	2	2	2	2	2	0	2
Average		387.58	212.35	68.72	102.00	56.44	11851.93	#VALUE!	76.84
St. Dev.		47.77	24.67	3.86	34.85	5.47	413.98	#VALUE!	7.89
%RSD		12.32	11.62	5.61	34.16	9.70	5.17	#VALUE!	10.27
Min		332.43	185.57	65.57	73.41	50.25	11378.75	#VALUE!	64.34
Max		415.92	234.16	73.08	140.82	60.68	12544.44	#VALUE!	83.94
n		3	3	3	3	3	3	0	3

ND = Not determined

BRH PES2	Dynes/cm^2	HEPT, ng/l	ALDRIN, ng/l	OP'DDE, ng/l	DIELDRIN, ng/l	PP'DDE, ng/l	OP'DDD, ng/l	PP'DDD, ng/l
2/27/92-0,0-A	0	0.00	0.00	0.00	0.05	0.00	0.82	25.78
2/27/92-0,0-B	0	0.00	0.00	0.00	0.35	3.87	1.97	8.93
Average		0.00	0.00	0.00	0.20	1.94	1.40	17.36
St. Dev.		0.00	0.00	0.00	0.21	2.74	0.82	11.92
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	105.55	141.42	58.56	68.65
Min		0.00	0.00	0.00	0.05	0.00	0.82	8.93
Max		0.00	0.00	0.00	0.35	3.87	1.97	25.78
n		2	2	2	2	2	2	2
3/10/92-0,0	0	0.00	0.91	0.00	0.68	0.00	0.66	1.05
3/18/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/10&18 not compared								
Average		0.00	0.30	0.00	0.36	1.29	1.08	11.92
St. Dev.		0.00	0.52	0.00	0.31	2.24	0.79	12.63
%RSD		#DIV/0!	173.21	#DIV/0!	87.55	173.21	73.24	105.97
Min		0.00	0.00	0.00	0.05	0.00	0.66	1.05
Max		0.00	0.91	0.00	0.68	3.87	1.97	25.78
n		3	3	3	3	3	3	3
3/2/92-2,1-A	2	0.00	12.27	16.20	14.84	25.62	43.25	19.97
3/2/92-2,1-B	2	0.00	0.00	26.71	14.97	28.50	43.55	7.45
Average		0.00	6.14	21.45	14.91	27.06	43.39	13.71
St. Dev.		0.00	8.68	7.43	0.09	2.04	0.21	8.86
%RSD		#DIV/0!	141.42	34.64	0.58	7.54	0.5%	64.61
Min		0.00	0.00	16.20	14.84	25.62	43.25	7.45
Max		0.00	12.27	26.71	14.97	28.50	43.55	19.97
n		2	2	2	2	2	2	2
3/2/92-2,2-A	2	0.00	0.00	26.63	16.89	57.35	44.8[illegible]	19.20
3/2/92-2,2-B	2	0.00	0.00	41.18	20.29	79.32	59.36	19.84
Average		0.00	0.00	33.91	18.59	68.34	52.08	19.52
St. Dev.		0.00	0.00	10.29	2.40	15.54	10.28	0.45
%RSD		#DIV/0!	#DIV/0!	30.34	12.92	22.74	19.77	2.33
Min		0.00	0.00	26.63	16.89	57.35	44.8[illegible]	19.20
Max		0.00	0.00	41.18	20.29	79.32	59.36	19.84
n		2	2	2	2	2	2	2
3/4/92-2,1-A	2	0.00	0.00	11.48	8.29	0.00	23.84	8.88
3/4/92-2,1-B	2	0.00	0.00	13.57	8.64	0.00	25.55	9.07
Average		0.00	0.00	12.60	8.47	0.00	24.68	8.97
St. Dev.		0.00	0.00	1.38	0.25	0.00	1.20	0.14
%RSD		#DIV/0!	#DIV/0!	10.97	2.95	#DIV/0!	4.84	1.58
Min		0.00	0.00	11.48	8.29	0.00	23.84	8.88
Max		0.00	0.00	13.57	8.64	0.00	25.53	9.07
n		2	2	2	2	2	2	2
Average		0.00	2.05	22.65	12.99	31.80	40.05	14.07
St. Dev.		0.00	5.01	11.15	4.71	31.57	13.35	6.17
%RSD		#DIV/0!	244.95	49.22	35.67	99.28	33.34	43.86
Min		0.00	0.00	11.48	8.29	0.00	23.84	7.45
Max		0.00	12.27	41.18	20.29	79.32	59.36	19.97
n		6	6	6	6	6	6	6
3/10/92-3,1-A	3	0.00	0.00	8.57	3.99	10.07	24.30	4.73
3/10/92-3,1-B	3	0.00	0.00	10.84	9.98	33.92	28.12	10.71
Average		0.00	0.00	9.71	6.99	21.99	26.21	7.72
St. Dev.		0.00	0.00	1.61	4.24	2.72	2.56	4.23
%RSD		#DIV/0!	#DIV/0!	16.57	60.66	8.51	9.72	54.75
Min		0.00	0.00	8.57	3.99	10.07	24.30	4.73
Max		0.00	0.00	10.84	9.98	33.92	28.12	10.71
n		2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	0.00	10.32	10.65	35.30	29.39	9.11
3/10/92-3,2-B	3	0.00	0.00	12.12	12.49	39.28	33.94	21.37
Average		0.00	0.00	11.22	11.57	37.29	31.67	15.24
St. Dev.		0.00	0.00	1.27	1.30	2.82	3.21	8.67
%RSD		#DIV/0!	#DIV/0!	11.33	11.23	7.55	10.15	56.88
Min		0.00	0.00	10.32	10.65	35.30	29.39	9.11
Max		0.00	0.00	12.12	12.49	39.28	33.94	21.37
n		2	2	2	2	2	2	2
Average		0.00	0.00	10.46	9.28	34.64	28.99	11.48
St. Dev.		0.00	0.00	1.47	3.66	3.90	3.90	7.06
%RSD		#DIV/0!	#DIV/0!	14.06	39.48	10.96	13.45	61.49
Min		0.00	0.00	8.57	3.99	10.07	24.30	4.73
Max		0.00	0.00	12.12	12.49	39.28	33.94	21.37
n		6	6	6	6	6	6	6
4,1-B (2,1-B)	4	10.15	0.00	395.35	163.45	623.64	427.28	214.37
3/18/92-4,2-A	4	7.23	0.00	331.48	128.44	639.06	457.14	75.47
3/18/92-4,2-B	4	7.63	0.00	380.70	125.40	719.22	492.87	76.49
Average		7.43	0.00	380.09	122.92	689.14	475.00	75.98
St. Dev.		0.28	0.00	41.09	3.51	42.54	25.37	0.72
%RSD		3.82	#DIV/0!	11.38	2.86	6.17	5.32	0.95
Min		7.23	0.00	331.48	128.44	639.06	457.14	75.47
Max		7.63	0.00	380.70	125.40	719.22	492.87	76.49
n		2	2	2	2	2	2	2
Average		9.34	0.00	371.58	136.30	668.30	459.09	122.11
St. Dev.		1.58	0.00	34.60	23.65	44.98	32.84	79.50
%RSD		16.95	#DIV/0!	9.31	17.35	7.08	7.15	65.13
Min		7.23	0.00	331.48	128.44	626.64	427.28	75.47
Max		10.15	0.00	395.35	163.45	719.22	492.87	214.37
n		3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^2	OP'DDT, ng/l	MIREX, ng/l	NAP, ng/l	2MN, ng/l	1MN, ng/l	BIP, ng/l	DMN, ng/l	ACL, ng/l	ACT, ng/l
2/7/92-0,0-A	0	0.00	0.24	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	0.00	0.00	48.76	0.00	0.00	328.70	1072.57	0.00	84.03
Average		0.00	0.12	48.76	0.00	0.00	328.70	1072.57	0.00	84.03
St. Dev.		0.00	0.17	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	141.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	48.76	0.00	0.00	328.70	1072.57	0.00	84.03
Max		0.00	0.24	48.76	0.00	0.00	328.70	1072.57	0.00	84.03
n		2	2	1	1	1	1	1	1	1
3/10/92-0,0	0	0.00	0.00	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/18/92-0,0	0	LOST	LOST	101.54	0.00	0.00	0.00	0.00	0.00	0.00
3/10&18 not compared										
Average		0.00	0.08	75.15	0.00	0.00	164.35	536.29	0.00	42.02
St. Dev.		0.00	0.14	37.22	0.00	0.00	232.43	758.42	0.00	59.42
%RSD		#DIV/0!	173.21	49.66	#DIV/0!	#DIV/0!	141.42	141.42	#DIV/0!	141.42
Min		0.00	0.00	48.76	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.24	101.54	0.00	0.00	328.70	1072.57	0.00	84.03
n		3	3	2	2	2	2	2	2	2
3/2/92-2,1-A	2	8.12	4.44	843.73	228.18	0.00	211.30	44.72	224.42	0.00
3/2/92-2,1-B	2	9.09	2.00	1022.20	385.77	0.00	164.52	28.28	564.94	0.00
Average		8.60	3.22	932.97	306.97	0.00	187.91	36.50	394.68	0.00
St. Dev.		0.68	1.73	126.20	111.44	0.00	33.08	11.63	240.78	0.00
%RSD		7.93	53.56	13.53	36.30	#DIV/0!	17.60	31.86	61.01	#DIV/0!
Min		8.12	2.00	843.73	228.18	0.00	164.52	28.28	224.42	0.00
Max		9.09	4.44	1022.20	385.77	0.00	211.30	44.72	564.94	0.00
n		2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	9.85	14.44	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,2-B	2	0.00	5.70	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average		4.92	10.07	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		6.96	6.17	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		141.42	61.32	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		9.85	14.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2	2	0	0	0	0	0	0	0
3/4/92-2,1-A	2	3.75	4.48	465.33	46.34	10.01	220.11	204.47	6.48	0.00
3/4/92-2,1-B	2	7.68	3.24	439.14	60.17	21.06	111.16	350.20	110.21	0.00
Average		5.71	3.86	452.23	53.26	15.54	170.13	277.34	58.44	0.00
St. Dev.		2.78	0.88	18.52	9.77	7.81	83.41	105.11	73.21	0.00
%RSD		48.56	22.87	4.09	18.35	50.26	49.01	37.17	125.26	#DIV/0!
Min		3.75	3.24	439.14	46.34	10.01	111.16	204.47	6.48	0.00
Max		7.68	4.48	465.33	60.17	21.06	220.11	350.20	110.21	0.00
n		2	2	2	2	2	2	2	2	2
Average		6.41	5.72	602.60	180.11	7.77	179.86	156.94	226.56	0.00
St. Dev.		3.79	4.46	207.15	169.89	10.94	52.85	151.43	262.48	0.00
%RSD		59.02	77.99	41.46	94.35	120.23	29.38	96.49	107.00	#DIV/0!
Min		0.00	2.09	439.14	46.34	0.00	111.16	28.28	6.48	0.00
Max		9.85	14.44	1022.20	385.77	21.06	220.11	350.20	564.94	0.00
n		6	6	4	4	4	4	4	4	4
3/10/92-3,1-A	3	0.00	3.01	572.23	148.98	0.00	26.77	181.26	92.24	0.00
3/10/92-3,1-B	3	6.06	5.16	1873.08	113.93	107.30	200.25	295.37	61.43	0.00
Average		3.03	4.08	1223.05	131.45	53.65	113.51	238.47	76.84	0.00
St. Dev.		4.29	1.52	920.41	24.78	75.87	122.67	80.48	21.78	0.00
%RSD		141.42	37.25	75.25	18.85	141.42	108.07	33.75	28.35	#DIV/0!
Min		0.00	3.01	572.23	113.93	0.00	26.77	181.26	61.43	0.00
Max		6.06	5.16	1873.88	148.98	107.30	200.25	295.37	92.24	0.00
n		2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	0.00	2.89	522.86	709.40	306.80	415.57	1025.56	859.93	222.85
3/10/92-3,2-B	3	12.27	13.64	580.28	142.86	67.40	105.69	320.29	19.86	0.00
Average		6.13	8.26	551.57	426.13	187.10	260.63	672.93	439.89	111.43
St. Dev.		8.66	7.60	40.66	400.60	168.26	219.11	498.76	594.08	157.58
%RSD		141.42	92.02	7.36	94.01	89.98	84.07	74.11	135.04	141.42
Min		0.00	2.89	522.86	142.86	67.40	105.69	320.29	19.86	0.00
Max		12.27	13.64	580.28	709.40	306.80	415.57	1025.56	859.93	222.85
n		2	2	2	2	2	2	2	2	2
Average		4.58	6.17	9[illegible]	278.79	120.37	187.87	455.79	238.57	55.71
St. Dev.		5.87	5.08	[illegible].0	287.48	131.94	168.08	504.68	402.14	111.42
%RSD		128.02	82.39	7[illegible].18	103.12	109.60	89.83	84.42	153.65	200.00
Min		0.00	2.89	522.86	113.93	0.00	26.77	181.26	19.86	0.00
Max		12.27	13.64	1873.08	709.40	306.80	415.57	1025.56	859.93	222.85
n		4	4	4	4	4	4	4	4	4
4,1-B (E1-3)	4	78.86	21.97	3483.43	1986.09	1486.00	721.85	2151.49	9643.97	728.86
3/18/92-4,2-A	4	79.12	16.24	4839.08	2352.68	1244.25	1084.45	1987.76	2787.92	1377.88
3/18/92-4,2-B	4	83.81	16.99	1555.68	596.16	327.08	734.72	1021.33	1981.23	302.86
Average		81.46	16.61	3197.38	1474.42	785.64	909.58	1484.55	2384.57	965.94
St. Dev.		3.31	0.53	2321.74	1262.05	648.57	247.30	669.20	570.42	613.88
%RSD		4.07	3.18	72.61	84.24	82.55	27.19	44.76	23.92	63.59
Min		79.12	16.24	1555.68	596.16	327.08	734.72	1021.33	1981.23	302.86
Max		83.81	16.99	4839.08	2352.68	1244.25	1084.45	1987.76	2787.92	1377.88
n		2	2	2	2	2	2	2	2	2
Average		80.63	18.40	3283.36	1644.98	1019.09	847.03	1713.53	4804.37	849.91
St. Dev.		2.75	3.11	1649.95	926.61	611.41	205.74	506.46	4210.38	452.62
%RSD		3.41	16.93	50.11	56.33	60.00	24.29	33.19	87.64	53.09
Min		78.86	16.24	1555.68	596.16	327.08	721.85	1021.33	1981.23	302.86
Max		83.81	21.97	4839.08	2352.68	1486.00	1084.45	2151.49	9643.97	1377.88
n		3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dyne/cm^2	TMN, ng/l	FLU, ng/l	PHE, ng/l	ANT, ng/l	1MP, ng/l	PLA, ng/l	PYR, ng/l	BAA, ng/l	CHR, ng/l	BBF, ng/l
2/27/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	8293.44	776.18	4497.39	295.11	4037.55	383.96	76.18	50.82	252.69	22.72
Average		8293.44	776.18	4497.39	295.11	4037.55	383.96	76.18	50.82	252.69	22.72
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		8293.44	776.18	4497.39	295.11	4037.55	383.96	76.18	50.82	252.69	22.72
Max		8293.44	776.18	4497.39	295.11	4037.55	383.96	76.18	50.82	252.69	22.72
n		1	1	1	1	1	1	1	1	1	1
3/10/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/18/92-0,0	0	55.82	0.00	0.00	1.95	0.00	0.00	2.57	0.00	0.00	0.00
3/10&18 not compared											
Average		4174.63	388.09	2248.69	148.53	2018.78	191.98	39.38	25.41	126.35	11.36
St. Dev.		5824.88	548.84	3180.13	207.29	2854.98	271.30	52.05	35.94	178.68	16.07
%RSD		139.53	141.42	141.42	139.56	141.42	141.42	132.19	141.42	141.42	141.42
Min		55.82	0.00	0.00	1.95	0.00	0.00	2.57	0.00	0.00	0.00
Max		8293.44	776.18	4497.39	295.11	4037.55	383.96	76.18	50.82	252.69	22.72
n		2	2	2	2	2	2	2	2	2	2
3/2/92-2,1-A	2	0.00	260.71	2008.84	535.16	818.49	4328.58	4660.35	1594.46	2583.18	795.21
3/2/92-2,1-B	2	105.59	138.61	1490.70	582.79	397.79	4008.49	4005.21	1393.98	2428.70	2464.06
Average		52.70	199.66	1747.27	558.97	608.14	4168.53	4332.78	1494.22	2505.94	1629.64
St. Dev.		74.53	86.34	362.84	33.48	297.48	226.34	463.26	141.76	109.23	1181.47
%RSD		141.42	43.24	20.77	6.00	48.92	5.43	10.69	9.49	4.36	72.54
Min		0.00	138.61	1490.70	535.16	397.79	4008.49	4005.21	1393.98	2428.70	795.21
Max		105.59	260.71	2008.84	582.79	818.49	4328.58	4660.35	1594.46	2583.18	2464.06
n		2	2	2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,2-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		0	0	0	0	0	0	0	0	0	0
3/4/92-2,1-A	2	218.07	154.79	1123.50	330.46	184.40	3066.71	3078.85	780.70	1588.51	1128.76
3/4/92-2,1-B	2	0.00	147.77	1008.11	272.95	323.57	2357.48	2554.21	787.34	1471.85	811.44
Average		109.04	151.28	1065.81	301.70	253.98	2712.09	2816.52	784.02	1530.18	970.10
St. Dev.		154.20	4.96	85.13	40.68	98.61	501.50	370.96	4.70	82.49	224.38
%RSD		141.42	3.28	8.01	13.49	38.75	18.49	13.17	0.60	5.39	23.13
Min		0.00	147.77	1008.11	272.95	184.40	2357.48	2554.21	780.70	1471.85	811.44
Max		218.07	154.79	1123.50	330.46	323.57	3066.71	3078.85	787.34	1588.51	1128.76
n		2	2	2	2	2	2	2	2	2	2
Average		80.87	175.47	1406.29	430.53	431.06	3440.31	3574.65	1139.12	2016.06	1299.37
St. Dev.		104.09	57.21	448.71	151.64	273.01	898.88	940.68	418.13	566.87	791.40
%RSD		128.72	32.61	32.00	35.24	63.33	26.13	26.30	36.71	28.19	60.92
Min		0.00	138.61	1008.11	272.95	184.40	2357.48	2554.21	780.70	1471.85	795.21
Max		218.07	260.71	2008.84	582.79	818.49	4328.58	4660.35	1594.46	2583.18	2464.06
n		4	4	4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	0.00	56.35	1130.65	375.85	260.79	3525.44	3575.30	1127.52	2196.63	1450.74
3/10/92-3,1-B	3	0.00	174.39	1197.10	372.05	339.82	4402.29	4668.40	907.35	2319.02	1651.18
Average		0.00	115.37	1168.37	373.95	300.31	4008.86	4121.95	1017.44	2257.83	1555.96
St. Dev.		0.00	83.47	48.63	2.69	84.05	676.59	773.07	153.68	88.54	148.81
%RSD		#DIV/0!	72.35	3.48	0.72	27.99	16.90	18.76	15.10	3.93	9.56
Min		0.00	56.35	1130.65	372.05	260.79	3525.44	3575.30	907.35	2196.63	1450.74
Max		0.00	174.39	1197.10	375.85	339.82	4402.29	4668.40	1127.52	2319.02	1651.18
n		2	2	2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	837.94	130.21	1180.08	336.32	347.95	2897.22	2894.51	1077.31	1856.53	1365.34
3/10/92-3,2-B	3	90.42	34.52	1018.35	286.27	440.74	3367.63	3732.82	1098.99	2144.25	1086.38
Average		464.18	82.36	1149.71	311.49	394.34	3132.42	3313.67	1088.15	2000.39	1225.86
St. Dev.		528.57	81.89	120.72	35.53	65.68	332.68	592.77	15.33	206.28	197.26
%RSD		113.87	88.57	10.94	11.41	16.66	10.62	17.89	1.41	10.30	16.09
Min		90.42	34.52	1018.35	286.27	347.95	2897.22	2894.51	1077.31	1856.53	1086.38
Max		837.94	130.21	1180.08	336.32	440.74	3367.63	3732.82	1098.99	2144.25	1365.34
n		2	2	2	2	2	2	2	2	2	2
Average		232.09	103.86	1136.04	342.67	347.27	3568.14	3717.81	1032.79	2130.11	1390.91
St. Dev.		406.14	68.77	42.47	41.56	82.11	665.20	730.83	99.12	194.09	238.06
%RSD		174.99	66.21	7.26	12.13	23.65	18.55	19.66	9.61	9.39	17.12
Min		0.00	34.52	1018.35	286.27	260.79	2897.22	2894.51	707.35	1877.35	1086.38
Max		837.94	174.39	1197.10	375.85	440.74	4402.29	4668.40	1127.52	2319.02	1651.18
n		4	4	4	4	4	4	4	4	4	4
4,1-B (2,1-B)	4	2191.80	2232.84	17288.97	6699.46	4821.91	31254.57	29702.02	13288.25	20398.39	15326.92
3/18/92-4,1-A	4	3956.64	4008.41	27346.51	8680.21	5698.08	49455.47	49089.53	17439.65	29232.30	22761.74
3/18/92-4,1-B	4	675.09	2864.92	22704.86	6591.44	5230.02	47720.60	47326.91	17269.30	26702.85	18410.71
Average		2334.36	3436.67	25025.68	7635.82	5464.05	48587.03	48208.22	17354.48	27967.58	20586.23
St. Dev.		2353.81	806.57	3282.14	1476.98	330.97	1224.74	1346.36	113.39	1788.59	2074.46
%RSD		100.70	23.53	13.12	19.34	6.06	2.52	2.79	0.65	6.40	14.07
Min		675.09	2864.92	22704.86	6591.44	5230.02	47720.60	47326.91	17269.30	26702.85	18410.71
Max		3956.64	4008.41	27346.51	8680.21	5698.08	49455.47	49089.53	17439.65	29232.30	22761.74
n		2	2	2	2	2	2	2	2	2	2
Average		2286.98	3015.40	23445.11	7977.88	5230.02	42610.21	42039.49	15803.68	23445.85	18899.79
St. Dev.		1664.33	599.97	5036.30	1209.60	438.43	10945.00	10720.84	2993.43	4350.51	3442.13
%RSD		72.79	19.89	21.48	15.16	8.38	25.68	25.50	18.95	17.58	18.27
Min		672.09	2232.84	17288.97	6591.44	4821.91	31254.57	29702.02	13288.25	20398.39	15326.92
Max		3956.64	4008.41	27346.51	9680.21	5698.08	49455.47	49089.53	17439.65	29232.30	22761.74
n		3	3	3	3	3	3	3	3	3	3

ND = Not determined

BRH PES2	Dynes/cm^3	BKF, ng/l	BRP, ng/l	BAP, ng/l	PER, ng/l	INP, ng/l	DBA, ng/l	BPE, ng/l	Σ PAHs, ng/l
2/27/92-0,0-A	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
2/27/92-0,0-B	0	240.11	45.90	354.24	975.68	0.00	11496.44	0.00	33332.50
Average		240.11	45.90	354.24	975.68	0.00	11496.44	0.00	33332.50
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		240.11	45.90	354.24	975.68	0.00	11496.44	0.00	33332.50
Max		240.11	45.90	354.24	975.68	0.00	11496.44	0.00	33332.50
n		1	1	1	1	1	1	1	1
3/10/92-0,0	0	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/18/92-0,0	0	0.00	130.37	0.00	0.00	0.00	380.96	0.00	673.22
3/10-18 not compared									
Average		120.06	88.14	177.12	487.84	0.00	5938.70	0.00	17002.86
St. Dev.		169.79	59.73	250.49	689.91	0.00	7859.83	0.00	23093.60
%RSD		141.42	67.77	141.42	141.43	#DIV/0!	132.35	#DIV/0!	135.82
Min		0.00	45.90	0.00	0.00	0.00	380.96	0.00	673.22
Max		240.11	130.37	354.24	975.68	0.00	11496.44	0.00	33332.50
n		2	2	2	2	2	2	2	2
3/2/92-2,1-A	2	1669.52	2024.85	1989.80	1162.64	2421.31	236.58	2947.57	31582.39
3/2/92-2,1-B	2	1313.60	2610.67	2072.60	1177.13	1867.77	25.89	3018.23	31267.31
Average		1491.56	2317.76	2031.20	1169.88	2144.54	131.14	2982.90	31424.85
St. Dev.		251.67	414.24	58.55	10.25	391.41	148.83	49.96	222.79
%RSD		16.87	17.87	2.88	0.88	18.25	113.50	1.67	0.71
Min		1313.60	2024.85	1989.80	1162.64	1867.77	25.89	2947.57	31267.31
Max		1669.52	2610.67	2072.60	1177.13	2421.31	236.58	3018.23	31582.39
n		2	2	2	2	2	2	2	2
3/2/92-2,2-A	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
3/2/92-2,2-B	2	LOST	LOST	LOST	LOST	LOST	LOST	LOST	LOST
Average		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		0	0	0	0	0	0	0	0
3/4/92-2,1-A	2	1129.17	1863.13	1207.97	745.28	1414.37	252.79	1784.66	21018.08
3/4/92-2,1-B	2	893.60	1140.09	1089.08	584.30	1297.99	16.70	1669.34	17512.84
Average		1011.39	1501.61	1148.53	664.79	1356.18	134.74	1729.00	19265.44
St. Dev.		166.57	511.26	84.07	113.84	82.29	166.94	84.37	2478.55
%RSD		16.47	34.05	7.32	17.12	6.07	123.89	4.88	12.87
Min		893.60	1140.09	1089.08	584.30	1297.99	16.70	1669.34	17512.84
Max		1129.17	1863.13	1207.97	745.28	1414.37	252.79	1788.66	21018.08
n		2	2	2	2	2	2	2	2
Average		1251.47	1908.68	1592.86	917.34	1730.36	132.94	2355.95	25[illegible],14
St. Dev.		327.46	605.28	513.03	296.99	510.99	129.14	726.15	7165.76
%RSD		26.16	31.70	32.27	32.39	29.16	97.14	30.82	28.57
Min		893.60	1140.09	1089.08	584.30	1297.99	16.70	1669.34	17512.84
Max		1669.52	2610.67	2072.60	1177.13	2421.31	252.79	3018.23	31582.39
n		4	4	4	4	4	4	4	4
3/10/92-3,1-A	3	1267.16	2131.39	1592.89	924.54	65.99	125.91	2163.73	22981.66
3/10/92-3,1-B	3	1511.82	2410.72	1512.55	1142.00	1582.73	44.32	2049.54	25826.65
Average		1389.49	2271.06	1452.72	1033.27	814.36	85.22	2106.10	23904.15
St. Dev.		175.00	197.52	198.23	153.76	1058.36	57.55	81.45	4133.03
%RSD		12.45	8.70	13.65	14.88	129.96	67.53	3.87	15.96
Min		1267.16	2131.39	1312.55	924.54	65.99	44.32	2048.54	22981.66
Max		1511.82	2410.72	1592.89	1142.00	1582.73	125.91	2163.73	25826.65
n		2	2	2	2	2	2	2	2
3/10/92-3,2-A	3	1233.69	1298.67	1370.58	770.29	1959.15	56.26	2235.77	25939.96
3/10/92-3,2-B	3	930.35	1798.73	1505.32	899.30	1874.70	145.66	2319.58	24014.37
Average		1082.02	1548.70	1437.95	834.79	1916.93	100.96	2277.68	24977.17
St. Dev.		214.50	353.60	95.23	91.23	59.72	63.21	59.27	1361.59
%RSD		19.82	22.83	6.63	10.93	3.12	62.62	2.60	5.45
Min		930.35	1298.67	1370.58	770.29	1874.70	56.26	2235.77	24014.37
Max		1233.69	1798.73	1505.32	899.30	1959.15	145.66	2319.58	25939.96
n		2	2	2	2	2	2	2	2
Average		1235.75	1908.88	1445.33	934.03	1265.64	93.09	2191.91	25440.66
St. Dev.		238.38	478.14	127.27	154.23	883.05	50.19	114.85	2568.74
%RSD		19.29	25.05	8.81	16.51	64.66	53.91	5.24	10.10
Min		998.35	1298.67	1312.55	770.29	65.99	44.32	2048.54	22981.66
Max		1511.82	2410.72	1592.89	1142.00	1959.15	145.66	2319.58	28826.65
n		4	4	4	4	4	4	4	4
4,1-D (Σ1-3)	4	12881.86	17034.77	17407.66	9086.87	24697.03	3282.93	26680.20	276999.35
3/18/92-4,1-A	4	12430.90	23042.32	23080.60	15140.74	31772.01	2975.71	39372.32	381166.27
3/18/92-4,2-B	4	14998.14	19654.15	21018.89	11393.94	31272.67	2887.32	34281.36	337825.11
Average		13674.51	21348.24	22049.74	13267.34	31522.34	2931.52	36826.84	359395.69
St. Dev.		1739.46	2395.80	1443.71	2649.59	353.09	62.50	3599.85	30788.25
%RSD		12.65	11.22	6.55	19.97	1.12	2.13	9.78	8.57
Min		12430.90	19654.15	21018.89	11393.94	31272.67	2887.32	34281.36	337825.11
Max		14998.14	23042.32	23080.60	15140.74	31772.01	2975.71	39372.32	381166.27
n		2	2	2	2	2	2	2	2
Average		13410.30	19910.41	20562.38	11940.52	29247.24	3048.65	33444.63	331910.24
St. Dev.		1306.40	3011.96	2754.98	2964.96	3948.50	207.64	6587.30	52347.95
%RSD		9.74	15.13	13.40	24.83	13.50	6.81	19.10	15.77
Min		12430.90	17034.77	17407.66	9086.87	24697.03	2887.32	26680.20	276999.35
Max		14998.14	23042.32	23080.60	15140.74	31772.01	3282.93	39372.32	381166.27
n		3	3	3	3	3	3	3	3

ND = Not determined

APPENDIX 3. BLACK ROCK HARBOR PES 3 DATA (BRH PES 3)

BMH PB#3	Dynamism *2	Time, min	Filter#	Amt filtered, g	Vol filtered, ml	TSS, mg/L	CB#66, ng/g	CB#18, ng/g	CB#28, ng/g	CB#66, ng/g	CB#52, ng/g
3/30/92-0,0	0	0	46	0.0053	100	53.00	58.05	0.00	0.00	1.77	0.00
4/1/92-0,0	0	0	51	0.0055	100	55.00	0.00	0.00	0.00	0.00	0.00
4/2/92-0,0	0	0	59	0.0047	100	47.00	0.00	0.00	0.00	21.70	0.47
4/3/92-0,0	0	0	60	0.0027	100	27.00	0.00	0.00	4.55	41.08	3.36
Average				0.0046	100	46.50	14.51	0.00	1.14	16.14	0.91
St. Dev.				0.0013	0	12.79	29.02	0.00	2.28	19.32	1.68
% RSD				28	0	28	200	#DIV/0!	200	120	181
Min				0.0027	100	27.00	0.00	0.00	0.00	0.00	0.00
Max				0.0055	100	55.00	58.05	0.00	4.55	41.08	3.36
n				4	4	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	25	47	0.0074	50	1348.00	14.17	6.03	0.00	97.52	77.05
3/30/92-2,1-B	2	25	48	0.0069	50	1376.00	0.35	12.06	0.00	106.32	85.16
Average				0.0071	50	1362.00	11.26	9.04	0.00	101.92	81.10
St. Dev.				0.0010	0	19.80	4.11	4.27	0.00	6.23	5.32
% RSD				1	0	1	37	47	#DIV/0!	6	7
Min				0.0074	50	1348.00	8.39	6.03	0.00	97.52	77.05
Max				0.0069	50	1376.00	14.17	12.06	0.00	106.32	85.16
n				2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	50	49	0.0711	50	1422.00	6.60	7.79	0.00	94.55	77.64
3/30/92-2,2-B	2	50	50	0.0712	50	1424.00	4.77	8.73	0.20	98.93	81.43
Average				0.0712	50	1423.00	5.68	8.26	0.10	96.74	79.54
St. Dev.				0.0001	0	1.41	1.20	0.66	0.14	3.69	2.68
% RSD				0	0	0	23	8	141	3	3
Min				0.0711	50	1422.00	4.77	7.79	0.00	94.55	77.64
Max				0.0712	50	1424.00	6.60	8.73	0.20	98.93	81.43
n				2	2	2	2	2	2	2	2
Average				0.0695	50	1392.50	8.47	8.65	0.05	99.33	80.47
St. Dev.				0.0019	0	37.64	4.07	2.52	0.10	5.01	3.69
% RSD				3	0	3	48	29	205	5	4
Min				0.0674	50	1348.00	4.77	6.03	0.00	94.55	77.64
Max				0.0712	50	1424.00	14.17	12.06	0.20	106.32	85.16
n				4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	25	52	0.0646	50	1292.00	11.98	16.50	1.43	121.38	99.31
4/1/92-3,1-B	3	25	41	0.0660	50	1320.00	1.71	3.09	0.00	64.63	50.81
Average				0.0653	50	1306.00	6.84	9.80	0.71	93.00	75.06
St. Dev.				0.0096	0	32.53	7.26	9.48	1.01	40.13	34.39
% RSD				2	0	2	106	97	141	43	46
Min				0.0646	50	1292.00	1.71	3.09	0.00	64.63	50.81
Max				0.0660	50	1320.00	11.98	16.50	1.43	121.38	99.31
n				2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	50	42	0.0681	50	1362.00	10.82	16.63	0.10	114.26	91.81
4/1/92-3,2-B	3	50	43	0.0659	50	1318.00	3.71	7.33	0.83	107.39	85.36
Average				0.0670	50	1340.00	7.26	11.98	0.43	110.78	88.59
St. Dev.				0.0016	0	31.11	5.03	6.58	0.59	4.86	4.66
% RSD				2	0	2	69	55	141	4	5
Min				0.0659	50	1318.00	3.71	7.33	0.00	107.39	85.36
Max				0.0681	50	1362.00	10.82	16.63	0.83	114.26	91.81
n				2	2	2	2	2	2	2	2
Average				0.0664	50	1327.50	7.46	10.80	0.56	101.80	81.82
St. Dev.				0.0015	0	26.73	5.11	6.78	0.70	25.86	21.64
% RSD				2	0	2	72	63	125	25	26
Min				0.0646	50	1292.00	1.71	3.09	0.00	64.63	50.81
Max				0.0681	50	1362.00	11.98	16.63	1.43	121.38	99.31
n				4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	25	44	0.1678	25	6712.00	6.51	11.49	1.27	86.20	72.07
4/2/92-4,1-B	4	25	54	0.1521	25	6484.00	3.91	6.80	1.88	86.79	72.01
Average				0.1600	25	6598.00	5.26	9.14	1.58	86.54	72.04
St. Dev.				0.0040	0	161.22	1.79	3.31	0.43	0.38	0.04
% RSD				3	0	2	34	36	27	0	0
Min				0.1521	25	6484.00	3.91	6.80	1.27	86.20	72.01
Max				0.1678	25	6712.00	6.51	11.49	1.88	86.79	72.07
n				2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	50	55	0.2168	25	8672.00	7.35	14.05	1.77	67.45	56.40
4/2/92-4,2-B	4	50	56	0.2333	25	8932.00	5.75	10.28	1.55	82.35	69.28
Average				0.2251	25	8802.00	6.48	12.16	1.66	74.90	62.84
St. Dev.				0.0046	0	183.85	1.27	2.67	0.16	10.54	8.86
% RSD				2	0	2	19	22	9	14	14
Min				0.2168	25	8672.00	5.75	10.28	1.55	67.45	56.40
Max				0.2333	25	8932.00	7.35	14.05	1.77	82.35	69.28
n				2	2	2	2	2	2	2	2
Average				0.1985	25	7788.00	5.96	10.65	1.63	89.72	67.42
St. Dev.				0.0320	0	1280.20	1.90	3.81	0.27	9.97	7.47
% RSD				17	0	17	28	28	17	11	11
Min				0.1678	25	6484.00	3.91	6.80	1.27	67.45	56.40
Max				0.2333	25	8932.00	7.35	14.05	1.77	86.79	72.07
n				4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	40	65	0.1973	25	4292.00	5.16	11.44	3.47	98.24	92.39
4/3/92-5,1-B	5	40	66	0.1999	25	7596.00	5.31	10.65	2.02	91.58	76.15
Average				0.1486	25	5944.00	5.23	11.05	2.74	94.91	84.27
St. Dev.				0.0084	0	2356.36	0.10	0.57	1.03	2.37	11.48
% RSD				39	0	39	2	5	7	3	14
Min				0.1973	25	4292.00	5.16	10.65	2.02	88.24	76.15
Max				0.1999	25	7596.00	5.31	11.46	3.47	91.58	92.39
n				2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	60	57	0.2045	25	8180.00	6.39	12.36	2.14	101.66	85.30
4/3/92-5,2-B	5	60	64	0.1927	25	7708.00	3.60	7.47	1.72	66.78	69.39
Average				0.1986	25	7944.00	4.99	9.91	1.93	84.22	77.35
St. Dev.				0.0072	0	333.75	1.97	3.68	0.30	24.66	11.24
% RSD				4	0	4	40	38	15	29	15
Min				0.1927	25	7708.00	3.60	7.47	1.72	66.78	69.39
Max				0.2045	25	8180.00	6.39	12.36	2.14	101.66	85.30
n				2	2	2	2	2	2	2	2
Average				0.1726	25	6904.00	5.11	10.49	2.36	87.06	80.91
St. Dev.				0.0147	0	1756.32	1.15	2.13	0.77	14.68	10.06
% RSD				26	0	26	22	20	33	17	12
Min				0.1573	25	4292.00	3.60	7.47	1.72	66.78	69.39
Max				0.2045	25	8180.00	6.39	12.36	3.47	101.66	92.39
n				4	4	4	4	4	4	4	4

ND = Not Determined

BRH PBS	Dynamism #2	CB082, ng/g	CB104, ng/g	CB044, ng/g	CB066, ng/g	CB101, ng/g	CB087, ng/g	CB077, ng/g	CB154, ng/g	CB118, ng/g
3/30/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	23.32	33.61	0.00
4/1/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.47
4/2/93-0,0	0	0.00	0.00	0.00	21.71	43.97	0.00	0.00	43.39	90.90
4/5/93-0,0	0	0.00	0.00	0.00	70.27	4.21	25.03	189.79	103.25	211.64
Average		0.00	0.00	0.00	23.82	12.05	6.26	53.28	44.81	87.00
St. Dev.		0.00	0.00	0.00	33.19	21.36	12.51	91.47	42.63	90.97
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	144	177	200	172	96	105
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	70.27	43.97	25.03	189.79	103.25	211.64
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/93-2,1-A	2	57.00	2.46	17.64	49.36	99.84	42.82	150.83	77.56	162.14
3/30/93-2,1-B	2	62.35	47.45	9.94	55.60	116.16	41.49	137.30	78.77	169.89
Average		59.67	24.95	13.79	52.78	108.00	42.16	144.11	74.16	136.02
St. Dev.		3.79	31.51	5.48	3.99	11.54	0.94	9.51	4.80	47.90
%RSD		6	127	39	8	11	2	7	6	35
Min		57.00	2.46	9.94	49.36	99.84	41.49	137.30	78.77	162.14
Max		62.35	47.45	17.64	55.60	116.16	42.82	150.83	77.56	169.89
n		2	2	2	2	2	2	2	2	2
3/30/93-2,2-A	2	59.97	0.00	7.90	51.89	107.63	36.18	125.65	62.44	154.76
3/30/93-2,2-B	2	62.13	0.00	11.52	53.98	110.63	40.54	143.40	71.04	167.89
Average		56.05	0.00	9.71	52.94	109.13	38.36	134.52	66.74	161.32
St. Dev.		7.89	0.00	2.56	1.48	2.13	3.03	13.36	6.08	9.39
%RSD		14	#DIV/0!	26	3	2	8	9	9	6
Min		59.97	0.00	7.90	51.89	107.63	36.18	125.65	62.44	154.76
Max		62.13	0.00	11.52	53.98	110.63	40.54	143.40	71.04	167.89
n		2	2	2	2	2	2	2	2	2
Average		58.11	12.48	11.75	52.86	108.97	40.26	139.32	70.48	148.67
St. Dev.		5.37	23.34	4.39	7.46	6.89	2.87	10.64	6.19	36.74
%RSD		9	187	36	8	6	7	8	9	25
Min		59.97	0.00	7.90	49.36	99.84	36.18	125.65	62.44	102.14
Max		62.13	47.45	17.64	55.60	116.16	42.82	150.83	77.56	169.89
n		4	4	4	4	4	4	4	4	4
4/1/93-3,1-A	3	75.95	0.00	18.82	63.23	130.50	49.43	9.01	86.38	198.69
4/1/93-3,1-B	3	58.90	0.00	3.36	36.05	77.81	28.22	5.00	48.47	118.72
Average		67.42	0.00	11.08	49.64	104.15	38.83	7.05	67.42	158.71
St. Dev.		26.20	0.00	10.95	19.22	37.26	15.09	2.77	26.81	56.88
%RSD		46	#DIV/0!	99	39	36	39	39	40	36
Min		58.90	0.00	3.36	36.05	77.81	28.22	5.00	48.47	118.72
Max		75.95	0.00	18.82	63.23	130.50	49.43	9.01	86.38	198.69
n		2	2	2	2	2	2	2	2	2
4/1/93-3,2-A	3	73.70	0.00	24.33	56.50	124.34	47.92	10.90	103.65	184.56
4/1/93-3,2-B	3	67.73	0.00	11.70	57.51	122.41	40.75	5.44	69.56	182.30
Average		70.71	0.00	18.02	57.05	123.38	44.33	8.17	86.60	183.43
St. Dev.		4.22	0.00	8.89	0.65	1.37	5.57	3.86	24.10	1.60
%RSD		6	#DIV/0!	39	1	1	11	47	28	1
Min		67.73	0.00	11.70	56.50	122.41	40.75	5.44	69.56	182.30
Max		73.70	0.00	24.33	57.51	124.34	47.92	10.90	103.65	184.56
n		2	2	2	2	2	2	2	2	2
Average		64.57	0.00	14.56	53.25	113.76	41.35	7.01	77.01	171.97
St. Dev.		17.14	0.00	9.09	11.99	24.22	9.68	2.82	23.58	35.64
%RSD		27	#DIV/0!	62	22	21	23	37	31	21
Min		58.90	0.00	3.36	36.05	77.81	28.22	5.00	48.47	118.72
Max		75.95	0.00	24.33	63.23	130.50	49.43	10.90	103.65	198.69
n		4	4	4	4	4	4	4	4	4
4/2/93-4,1-A	4	52.71	2.68	17.41	43.84	85.56	36.11	6.91	61.37	133.56
4/2/93-4,1-B	4	56.63	2.24	13.84	44.76	94.88	35.37	6.51	53.75	137.56
Average		54.67	2.44	15.62	44.30	90.22	35.74	6.71	57.46	135.56
St. Dev.		2.77	0.27	2.53	0.65	6.66	0.52	0.28	5.53	2.83
%RSD		5	11	16	1	7	1	4	10	2
Min		52.71	2.24	13.84	43.84	85.56	36.37	6.51	53.75	133.56
Max		56.63	2.63	17.41	44.76	94.88	36.11	6.91	61.37	137.56
n		2	2	2	2	2	2	2	2	2
4/2/93-4,2-A	4	65.41	3.25	24.50	48.20	101.72	41.01	10.59	69.63	137.98
4/2/93-4,2-B	4	57.41	2.57	18.01	43.37	88.47	36.57	125.51	61.11	152.76
Average		61.41	2.91	21.25	45.78	95.09	38.79	68.06	65.37	145.37
St. Dev.		5.66	0.49	4.95	3.48	9.37	3.14	81.36	5.04	5.39
%RSD		9	17	23	7	10	8	115	8	3
Min		57.41	2.57	18.01	43.37	88.47	36.57	10.59	61.11	132.76
Max		65.41	3.25	24.50	48.20	101.72	41.01	125.51	69.63	137.98
n		2	2	2	2	2	2	2	2	2
Average		59.04	2.67	18.44	45.94	92.46	37.27	37.38	61.37	139.45
St. Dev.		5.30	0.48	4.44	2.18	7.13	2.54	58.78	6.08	2.63
%RSD		9	18	24	5	8	7	157	10	2
Min		52.71	2.24	13.84	43.37	85.56	36.37	6.51	53.75	132.76
Max		65.41	3.25	24.50	48.20	101.72	41.01	125.51	69.63	137.98
n		4	4	4	4	4	4	4	4	4
4/5/93-5,1-A	5	70.17	5.75	20.89	47.84	115.73	44.60	9.42	69.96	168.30
4/5/93-5,1-B	5	61.14	1.96	18.97	40.84	94.20	36.64	6.96	55.82	139.40
Average		65.65	3.85	19.93	44.34	104.96	40.62	8.19	62.89	153.84
St. Dev.		6.57	2.68	1.36	4.98	15.22	5.63	1.74	9.90	20.48
%RSD		10	70	7	11	15	14	21	16	13
Min		61.14	1.96	18.97	40.84	94.20	36.64	6.96	55.82	139.40
Max		70.17	5.75	20.89	47.84	115.73	44.60	9.42	69.96	168.30
n		2	2	2	2	2	2	2	2	2
4/5/93-5,2-A	5	67.77	3.68	22.08	51.96	105.27	40.09	8.43	65.47	153.22
4/5/93-5,2-B	5	54.26	2.82	14.64	43.37	92.19	34.47	5.76	51.84	141.89
Average		61.02	3.25	18.36	47.67	98.73	37.28	7.16	57.16	147.56
St. Dev.		9.56	0.59	5.26	6.08	9.27	3.98	1.89	7.52	8.08
%RSD		16	18	29	13	9	11	27	13	5
Min		54.26	2.84	14.64	43.37	92.19	34.47	5.76	51.84	141.89
Max		67.77	3.68	22.08	51.96	105.27	40.09	8.43	65.47	153.22
n		2	2	2	2	2	2	2	2	2
Average		63.33	3.56	19.15	46.80	101.86	38.98	7.94	64.82	150.75
St. Dev.		7.15	1.62	3.27	4.92	10.89	4.42	1.52	7.94	11.20
%RSD		11	46	17	11	11	11	34	13	9
Min		54.26	1.96	14.64	40.84	92.19	34.47	5.76	51.84	139.40
Max		70.17	5.75	22.08	51.96	115.73	44.60	9.42	69.96	168.30
n		4	4	4	4	4	4	4	4	4

ND = Not Determined

BEH PBS3	Dynacore #2	CB-146, ng/g	CB153, ng/g	CB138, ng/g	CB153, ng/g	CB156, ng/g	CB157, ng/g	CB180, ng/g	CB200, ng/g	CB180, ng/g
3/30/92-0,0	0	6.84	0.00	0.00	0.00	4.21	0.00	0.00	0.00	0.00
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/92-0,0	0	17.51	25.05	14.72	0.00	6.80	0.00	0.00	0.00	7.36
4/3/92-0,0	0	37.98	73.95	19.00	4.34	0.00	1.94	0.00	0.00	41.51
Average		15.59	24.75	8.48	1.66	2.75	0.48	0.00	0.00	12.37
St. Dev.		16.98	34.86	9.52	2.17	3.36	0.97	0.00	0.00	19.83
%RSD		106	142	117	200	122	200	#DIV/0!	#DIV/0!	160
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		37.98	73.95	19.00	4.34	6.80	1.94	0.00	0.00	41.51
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	13.99	75.80	65.05	106.96	7.34	16.91	18.17	0.00	20.83
3/30/92-2,1-B	2	22.53	83.46	58.49	113.24	10.16	18.52	16.61	0.00	30.57
Average		18.26	79.63	62.76	110.10	8.76	17.72	17.39	0.00	25.70
St. Dev.		6.43	5.42	3.21	3.61	1.98	1.42	1.10	0.00	6.93
%RSD		34	7	5	4	23	8	6	#DIV/0!	3
Min		13.99	75.80	58.49	106.96	7.34	16.91	16.61	0.00	20.83
Max		22.53	83.46	65.05	113.24	10.16	18.52	18.17	0.00	30.57
n		2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	16.49	76.78	53.80	102.86	7.72	17.40	14.24	0.00	28.49
3/30/92-2,2-B	2	20.24	81.41	65.95	109.46	8.83	18.57	16.61	0.00	30.68
Average		17.36	79.10	59.83	106.16	8.26	17.98	15.42	0.00	29.58
St. Dev.		0.85	3.27	8.07	4.65	0.83	0.83	2.65	0.00	1.54
%RSD		5	4	14	4	10	5	17	#DIV/0!	5
Min		16.49	76.78	53.80	102.86	7.72	17.40	14.24	0.00	28.49
Max		17.46	81.41	65.95	109.46	8.83	18.57	16.61	0.00	30.68
n		2	2	2	2	2	2	2	2	2
Average		18.36	79.36	61.39	108.13	8.26	17.98	16.76	0.00	29.59
St. Dev.		2.83	3.67	5.09	4.36	1.26	0.76	1.93	0.00	1.81
%RSD		16	5	9	4	15	5	11	#DIV/0!	3
Min		13.99	75.80	53.80	102.86	7.34	16.91	14.24	0.00	28.49
Max		22.53	83.46	65.95	113.24	10.16	18.52	16.61	0.00	30.68
n		4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	20.76	89.41	78.39	127.40	8.87	22.79	21.66	0.00	40.13
4/1/92-3,1-B	3	15.08	65.98	43.23	114.02	8.13	14.91	11.39	0.00	26.56
Average		17.92	75.69	60.89	120.86	8.50	18.85	16.48	0.00	33.34
St. Dev.		4.01	27.88	24.87	9.46	0.53	5.97	7.38	0.00	9.73
%RSD		22	37	41	8	6	38	44	#DIV/0!	29
Min		15.08	65.98	43.23	114.02	8.13	14.91	11.39	0.00	26.56
Max		20.76	89.41	78.39	127.40	8.87	22.79	21.66	0.00	40.13
n		2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	20.36	93.77	72.42	117.92	7.84	0.00	21.66	1.66	37.56
4/1/92-3,2-B	3	19.59	88.86	63.34	113.34	7.84	20.14	19.65	0.00	31.94
Average		19.84	91.31	67.88	115.63	7.89	10.07	20.65	0.83	34.75
St. Dev.		0.55	3.46	6.42	3.24	0.07	14.24	1.41	1.18	3.97
%RSD		3	4	9	3	1	144	7	143	11
Min		19.59	88.86	63.34	113.34	7.84	0.00	19.65	0.00	31.94
Max		20.36	93.77	72.42	117.92	7.84	20.14	21.66	1.66	37.56
n		2	2	2	2	2	2	2	2	2
Average		18.93	91.33	64.34	118.24	8.20	14.66	21.29	0.83	34.86
St. Dev.		2.61	18.87	15.16	6.81	0.47	10.18	4.41	0.83	6.13
%RSD		14	21	24	6	6	70	20	100	18
Min		15.08	65.98	43.23	113.34	7.84	0.00	11.39	0.00	26.56
Max		20.76	89.41	78.39	127.40	8.87	22.79	21.66	1.66	40.13
n		4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	13.19	65.16	48.13	94.64	6.39	14.03	15.76	2.56	26.42
4/2/92-4,1-B	4	14.00	69.86	48.12	88.83	6.35	19.29	17.53	1.72	28.43
Average		13.64	67.11	53.14	91.38	6.48	17.66	16.65	2.15	27.43
St. Dev.		0.64	2.78	7.69	4.62	0.04	3.39	1.96	0.34	1.37
%RSD		5	4	15	5	1	19	14	16	5
Min		13.19	65.16	48.12	88.83	6.39	16.03	15.76	1.38	26.42
Max		14.00	69.86	58.18	94.64	6.35	19.29	17.53	2.7	28.43
n		2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	13.51	67.38	60.95	96.51	7.05	17.30	15.60	3.06	25.85
4/2/92-4,2-B	4	13.17	66.71	54.68	9.84	6.57	17.15	15.63	3.38	26.95
Average		13.34	67.14	58.82	98.17	6.81	17.23	15.62	3.78	26.79
St. Dev.		0.24	0.52	3.68	57.84	0.34	0.11	0.04	0.37	0.32
%RSD		2	1	6	114	5	1	3	9	1
Min		13.17	66.71	54.68	9.84	6.57	17.15	15.60	3.38	25.63
Max		13.51	67.38	60.96	96.51	7.03	17.30	15.63	3.06	26.56
n		2	2	2	2	2	2	2	2	2
Average		13.49	67.13	56.96	79.75	6.96	17.46	15.19	2.58	27.13
St. Dev.		0.45	1.44	5.83	46.79	0.36	1.38	0.04	0.94	0.52
%RSD		3	2	10	59	5	8	0	45	3
Min		13.17	65.16	48.12	9.84	6.39	16.03	12.77	1.38	26.42
Max		14.00	69.86	60.96	94.64	7.03	19.29	17.53	3.38	28.43
n		4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	14.76	66.25	62.73	100.65	6.88	21.38	17.77	1.79	32.84
4/3/92-5,1-B	5	14.05	70.51	52.13	94.14	6.58	17.52	14.82	3.31	24.13
Average		14.40	68.38	57.56	100.89	7.78	19.75	16.30	2.55	28.49
St. Dev.		0.48	11.11	6.81	10.97	1.28	2.99	2.66	1.12	4.73
%RSD		17	16	12	11	16	13	17	46	16
Min		14.66	70.92	52.13	94.14	6.88	17.52	14.82	1.79	24.13
Max		17.76	66.25	62.78	100.65	6.88	21.38	17.77	3.31	32.84
n		2	2	2	2	2	2	2	2	2
4/4/92-5,2-A	5	15.17	76.49	57.17	109.54	6.59	19.25	15.66	3.65	27.45
4/4/92-5,2-B	5	14.92	73.79	49.51	95.10	7.28	18.34	13.61	4.69	27.11
Average		15.04	75.14	53.34	97.70	6.89	18.79	14.23	3.37	27.43
St. Dev.		0.13	2.19	5.71	3.83	0.95	0.64	1.17	0.82	0.43
%RSD		1	3	10	4	3	3	8	2	2
Min		14.94	73.79	49.51	95.10	6.59	18.34	13.61	3.65	27.41
Max		15.17	76.49	57.17	109.54	7.28	19.25	15.66	3.69	27.45
n		2	2	2	2	2	2	2	2	2
Average		15.46	76.72	35.58	15.55	7.24	19.57	15.86	3.16	28.46
St. Dev.		1.53	6.79	0.89	7.15	0.97	1.46	1.72	0.52	2.98
%RSD		10	9	10	7	13	8	13	20	10
Min		14.68	70.92	49.51	94.14	6.59	17.52	13.61	1.79	24.13
Max		17.76	84.78	62.78	109.65	8.88	21.38	17.77	3.69	32.84
n		4	4	4	4	4	4	4	4	4

ND = Not Determined

BRH PRS	Dynastan^1	CB170, ng/g	CB196, ng/g	CB206, ng/g	CB209, ng/g	CB rem, ng/g	HCB, ng/g	HEPT, ng/g	ALDRIN, ng/g	OPDDE, ng/g
3/30/93-0.0	0	0.00	0.00	0.00	0.00	127.20	30.77	0.00	9.37	8.70
4/1/93-0.0	0	0.00	0.00	0.00	0.00	45.87	0.00	0.00	0.00	0.00
4/2/93-0.0	0	0.00	0.00	0.00	0.00	297.02	45.05	0.00	0.00	0.00
4/3/93-0.0	0	0.00	0.00	0.00	1.36	532.47	697.87	0.00	109.11	377.26
Average		0.00	0.00	0.00	0.34	334.40	193.57	0.00	27.37	96.66
St. Dev.		0.00	0.00	0.00	0.68	303.80	336.74	0.00	48.69	188.76
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	200	100	174	#DIV/0!	178	196
Min		0.00	0.00	0.00	0.00	45.87	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	1.36	532.47	697.87	0.00	109.11	377.26
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/93-2.1-A	2	15.19	1.37	0.00	3.12	1151.34	4.30	0.00	0.00	27.66
3/30/93-2.1-B	2	10.85	2.41	0.00	2.63	1264.88	4.30	0.70	0.00	28.66
Average		13.06	1.89	0.00	2.87	1223.11	4.30	0.00	0.00	24.86
St. Dev.		3.42	0.76	0.00	0.36	106.91	0.42	0.00	0.00	0.00
%RSD		33	39	#DIV/0!	12	9	9	#DIV/0!	#DIV/0!	21
Min		10.92	1.37	0.00	2.63	1151.34	4.30	0.00	0.00	20.66
Max		15.19	2.41	0.00	3.12	1264.88	4.30	0.70	0.00	27.66
n		2	2	2	2	2	2	2	2	2
3/30/93-2.2-A	2	10.13	5.53	2.70	6.99	1127.44	4.79	0.00	0.00	19.18
3/30/93-2.2-B	2	10.84	1.25	0.00	5.27	1225.83	4.15	0.00	0.00	19.56
Average		10.49	3.39	1.35	6.63	1176.63	4.57	0.00	0.00	19.37
St. Dev.		0.50	3.08	1.91	0.79	69.16	0.51	0.00	0.00	0.27
%RSD		5	89	141	12	6	7	#DIV/0!	#DIV/0!	1
Min		10.13	1.25	0.00	5.27	1127.44	4.15	0.00	0.00	19.18
Max		10.84	5.53	2.70	6.99	1225.83	4.79	0.00	0.00	19.56
n		2	2	2	2	2	2	2	2	2
Average		11.77	2.64	0.67	4.65	1199.37	4.58	0.00	0.00	21.71
St. Dev.		2.31	2.00	1.35	2.11	75.73	0.38	0.00	0.00	4.60
%RSD		20	76	200	45	6	7	#DIV/0!	#DIV/0!	18
Min		10.13	1.25	0.00	2.63	1127.44	4.30	0.00	0.00	19.18
Max		15.19	5.53	2.70	6.99	1284.89	4.89	0.00	0.00	27.66
n		4	4	4	4	4	4	4	4	4
4/1/93-3.1-A	3	12.39	5.46	1.44	3.87	1321.46	6.68	0.00	0.00	26.52
4/1/93-3.1-B	3	26.52	26.46	10.73	12.83	842.42	1.91	0.00	0.00	13.94
Average		19.46	15.96	6.08	8.35	1081.94	4.30	0.00	0.00	20.18
St. Dev.		9.99	14.86	6.57	6.34	338.73	3.37	0.00	0.00	8.97
%RSD		51	93	108	76	31	79	#DIV/0!	#DIV/0!	44
Min		12.39	5.46	1.44	3.87	842.46	1.91	0.00	0.00	13.94
Max		26.52	26.46	10.73	12.83	1321.46	6.68	0.00	0.00	26.52
n		2	2	2	2	2	2	2	2	2
4/1/93-3.2-A	3	18.24	1.39	0.00	3.55	1296.87	3.76	0.00	0.00	30.56
4/1/93-3.2-B	3	11.07	4.86	0.00	6.61	1143.90	4.00	0.00	0.00	17.91
Average		14.66	3.13	0.00	5.08	1220.38	3.88	0.00	0.00	24.24
St. Dev.		5.07	2.37	0.00	2.16	77.76	0.17	0.00	0.00	8.86
%RSD		35	76	#DIV/0!	43	6	4	#DIV/0!	#DIV/0!	37
Min		11.07	1.39	0.00	3.55	1143.90	3.76	0.00	0.00	17.91
Max		18.24	4.86	0.00	6.61	1296.87	4.00	0.00	0.00	30.56
n		2	2	2	2	2	2	2	2	2
Average		17.86	9.57	3.84	6.72	1141.41	4.89	0.70	0.00	22.21
St. Dev.		7.04	11.30	5.17	4.39	212.88	1.36	0.81	0.00	7.84
%RSD		41	119	170	64	19	48	#DIV/0!	#DIV/0!	35
Min		11.87	1.39	0.00	3.55	842.42	1.91	0.00	0.00	13.94
Max		26.52	26.46	10.73	12.83	1321.46	6.68	0.00	0.00	30.56
n		4	4	4	4	4	4	4	4	4
4/2/93-4.1-A	4	12.64	6.07	1.00	3.05	937.77	3.43	0.00	0.00	20.10
4/2/93-4.1-B	4	13.46	6.08	5.19	4.48	931.63	3.67	0.00	0.00	11.15
Average		13.55	6.07	3.22	3.76	934.70	3.55	0.00	0.00	15.63
St. Dev.		0.58	0.01	3.07	1.01	3.89	0.17	0.00	0.00	6.33
%RSD		4	0	95	27	0	5	#DIV/0!	#DIV/0!	41
Min		12.64	6.07	1.86	3.05	931.63	3.43	0.00	0.00	11.15
Max		13.46	6.08	5.19	4.48	937.77	3.67	0.00	0.00	20.10
n		2	2	2	2	2	2	2	2	2
4/2/93-4.2-A	4	12.55	3.61	2.65	4.28	974.62	3.16	0.00	0.00	0.00
4/2/93-4.2-B	4	14.10	3.80	3.91	4.64	977.96	2.99	0.00	0.00	0.00
Average		13.33	3.71	3.28	4.46	976.29	3.07	0.00	0.00	0.00
St. Dev.		1.00	0.20	0.89	0.26	2.36	0.12	0.00	0.00	0.00
%RSD		8	5	27	6	0	4	#DIV/0!	#DIV/0!	#DIV/0!
Min		12.55	3.61	2.65	4.28	974.62	2.99	0.00	0.00	0.00
Max		14.10	3.80	3.91	4.64	977.96	3.16	0.00	0.00	0.00
n		2	2	2	2	2	2	2	2	2
Average		13.19	4.91	3.26	4.11	966.99	3.31	0.00	0.00	7.81
St. Dev.		0.73	1.34	1.84	0.72	23.83	0.30	0.00	0.00	9.73
%RSD		6	27	57	18	2	9	#DIV/0!	#DIV/0!	125
Min		12.55	3.61	1.86	3.05	931.63	2.99	0.00	0.00	0.00
Max		14.10	6.08	5.19	4.64	977.96	3.67	0.00	0.00	20.10
n		4	4	4	4	4	4	4	4	4
4/3/93-5.1-A	5	15.58	5.08	4.96	4.77	1143.70	4.30	0.00	0.00	18.42
4/3/93-5.1-B	5	13.48	5.70	4.61	4.06	969.87	3.55	0.00	0.00	15.70
Average		14.53	5.46	4.78	4.51	1056.79	3.92	0.00	0.00	17.16
St. Dev.		1.49	0.84	0.25	0.64	122.92	0.53	0.00	0.00	1.87
%RSD		10	1	5	14	12	13	#DIV/0!	#DIV/0!	12
Min		13.48	5.08	4.61	4.06	969.87	3.55	0.00	0.00	15.70
Max		15.58	5.70	4.96	4.97	1143.70	4.30	0.00	0.00	18.42
n		2	2	2	2	2	2	2	2	2
4/3/93-5.2-A	5	17.79	5.05	4.42	3.42	1070.97	3.65	0.00	0.00	20.98
4/3/93-5.2-B	5	15.45	4.71	5.01	5.23	924.37	2.99	0.00	0.00	10.98
Average		16.72	4.88	4.72	4.32	997.67	3.32	0.00	0.00	15.98
St. Dev.		1.73	0.24	0.42	1.26	103.66	0.84	0.00	0.00	7.28
%RSD		9	5	9	30	10	1	#DIV/0!	#DIV/0!	46
Min		15.79	4.71	4.42	3.42	924.37	2.99	0.00	0.00	10.98
Max		17.66	5.05	5.01	5.23	1070.97	3.65	0.00	0.00	20.98
n		2	2	2	2	2	2	2	2	2
Average		14.63	5.27	4.75	4.42	1027.33	3.77	0.00	0.00	16.49
St. Dev.		1.16	0.48	0.28	0.83	99.91	0.36	0.00	0.00	4.44
%RSD		8	9	6	19	10	9	#DIV/0!	#DIV/0!	27
Min		13.47	4.71	4.42	3.42	924.37	3.36	0.00	0.00	10.68
Max		15.63	5.70	5.01	5.23	1143.70	4.30	0.00	0.00	20.98
n		4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: [illegible]

[illegible]	Dynamic*1 [illegible]	[illegible], ug/g	[illegible], ug/g	[illegible], ug/g	[illegible], ug/g	[illegible], ug/g	[illegible], ug/g	NA?, ug/g	[illegible], ug/g	[illegible], ug/g
3/30/93-0,0	0	NA	28.93	31.90	28.10	0.00	0.00	2635.80	0.00	0.00
4/1/93-0,0	0	14.00	0.00	0.00	0.00	0.00	11.57	942.03	0.00	0.00
4/2/93-0,0	0	2.73	46.78	24.33	11.24	0.00	0.00	303.75	0.00	3.20
4/3/93-0,0	0	143.34	0.60	63.20	176.14	0.00	0.49	1264.05	0.00	0.00
Average		53.30	16.00	27.80	81.88	0.00	2.89	1286.75	0.00	0.80
St. Dev.		77.48	28.81	26.36	83.33	0.00	5.79	971.38	0.00	6.30
%RSD		145	130	94	102	#DIV/0!	200	75	#DIV/0!	#DIV/0!
Min		2.73	0.00	0.00	0.00	0.00	0.00	303.75	0.00	0.00
Max		143.34	46.78	63.20	176.14	0.00	11.57	2635.80	0.00	0.00
n		3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/29/93-2,1-A	2	77.80	65.44	48.16	3.42	7.72	2.13	1463.58	653.04	437.06
3/30/93-2,1-B	2	75.48	39.26	43.16	10.31	9.18	1.41	0.60	0.00	0.00
Average		76.64	57.35	44.06	6.87	8.45	1.77	732.09	326.48	218.53
St. Dev.		1.64	5.70	2.88	4.89	1.04	0.51	1034.13	461.70	309.05
%RSD		2	10	6	70	12	29	141	141	141
Min		75.48	53.26	43.16	3.42	7.72	1.41	0.60	0.00	0.00
Max		77.80	65.44	48.16	10.31	9.18	2.13	1463.58	653.05	437.06
n		2	3	2	2	2	2	2	2	2
3/30/93-2,2-A	2	NA	47.78	41.30	10.57	3.23	3.22	1094.42	730.54	426.96
3/30/93-2,2-B	2	NA	51.91	47.03	7.80	9.81	2.76	1045.42	150.20	38.54
Average		#DIV/0!	49.24	44.17	9.19	6.52	2.96	1070.00	440.42	232.80
St. Dev.		#DIV/0!	2.98	4.46	1.96	4.65	0.31	34.65	410.30	316.20
%RSD		#DIV/0!	6	9	21	71	10	3	93	128
Min		0.00	47.78	[illegible]	7.80	3.23	2.73	1046.40	150.20	38.54
Max		0.00	51.91	[illegible]	10.57	9.81	3.20	1094.42	730.54	426.96
n		0	2	2	2	2	2	2	2	2
Average		76.64	53.40	46.11	8.00	7.48	2.37	853.77	386.45	226.60
St. Dev.		1.64	8.73	3.00	3.29	2.97	0.76	692.36	364.07	204.26
%RSD		2	11	7	41	40	32	80	96	107
Min		75.48	47.78	41.30	3.42	3.23	1.41	0.60	0.00	0.00
Max		77.80	65.44	48.16	10.97	9.81	3.20	1463.58	730.54	436.96
n		2	4	4	4	4	4	4	4	4
4/1/93-3,1-A	3	91.07	0.00	53.64	0.00	0.00	2.41	692.34	565.56	15.71
4/1/93-3,1-B	3	55.39	0.00	30.10	0.00	0.00	69.20	838.46	656.78	0.00
Average		73.23	0.00	41.87	0.00	0.00	35.70	765.40	611.17	7.86
St. Dev.		25.23	0.00	16.65	0.00	0.00	47.44	103.33	64.50	11.11
%RSD		34	#DIV/0!	40	#DIV/0!	#DIV/0!	133	14	11	141
Min		55.39	0.00	30.10	0.00	0.00	2.41	692.34	565.56	0.00
Max		91.07	0.00	53.64	0.00	0.00	69.00	838.46	656.78	15.71
n		2	2	2	2	2	2	2	2	2
4/1/93-3,2-A	3	85.02	66.07	64.37	19.23	10.20	2.28	2508.37	771.16	686.54
4/1/93-3,2-B	3	74.83	50.00	43.20	16.13	11.44	3.66	738.81	266.60	147.50
Average		80.42	57.64	53.78	17.08	10.82	2.97	1623.59	518.88	417.07
St. Dev.		7.92	11.36	14.97	2.20	0.88	0.98	1251.17	356.78	381.00
%RSD		10	19	28	12	8	33	77	69	91
Min		74.83	50.00	43.20	16.13	10.20	2.28	738.81	266.60	147.50
Max		86.02	66.07	64.37	19.23	11.40	3.66	2508.37	771.16	686.54
n		2	2	2	2	2	2	2	2	2
Average		76.83	28.38	47.82	8.84	5.41	17.33	1189.90	565.03	212.45
St. Dev.		15.82	34.48	14.44	10.20	6.27	30.10	883.38	215.00	322.01
%RSD		21	118	31	116	116	168	74	38	152
Min		55.39	0.00	30.10	0.00	0.00	2.75	692.34	266.60	0.00
Max		91.07	66.07	64.37	19.23	11.44	69.00	2508.37	771.16	686.54
n		4	4	4	4	4	4	4	4	4
4/2/93-4,1-A	4	63.66	46.18	38.24	11.21	6.18	3.30	777.39	512.76	200.66
4/2/93-4,1-B	4	59.41	37.84	33.38	11.39	8.19	1.58	810.48	935.64	407.50
Average		61.54	42.01	35.81	11.30	7.19	2.40	794.53	724.20	304.12
St. Dev.		2.86	5.90	3.43	0.13	1.42	1.20	23.40	299.08	146.32
%RSD		5	14	10	1	20	51	3	41	37
Min		59.41	37.84	33.38	11.21	6.18	1.58	777.30	512.76	200.66
Max		63.66	46.18	38.24	11.39	8.19	3.20	810.48	935.64	407.50
n		2	2	2	2	2	2	2	2	2
4/2/93-4,2-A	4	70.06	20.47	42.02	11.10	6.37	1.61	390.85	133.99	92.23
4/2/93-4,2-B	4	63.40	9.58	38.20	4.74	5.80	1.94	132.90	110.88	36.63
Average		67.23	15.03	40.41	7.92	5.93	1.78	261.88	122.43	64.43
St. Dev.		5.29	7.70	3.13	4.50	0.19	0.23	139.03	16.34	39.38
%RSD		8	51	8	57	3	13	60	13	61
Min		63.40	9.58	38.20	4.74	5.80	1.61	132.90	110.88	36.63
Max		70.06	20.47	42.02	11.10	6.07	1.94	390.85	133.99	92.23
n		2	2	2	2	2	2	2	2	2
Average		64.48	28.53	38.11	9.61	6.56	2.13	513.06	423.32	229.26
St. Dev.		4.74	16.56	3.77	3.26	1.10	0.66	334.81	388.07	303.42
%RSD		7	58	10	34	17	40	68	92	98
Min		59.41	9.58	33.38	4.74	5.80	1.58	132.90	110.88	36.63
Max		70.06	46.18	42.02	11.39	8.19	3.30	810.48	935.64	407.50
n		4	4	4	4	4	4	4	4	4
4/3/93-5,1-A	5	14.06	21.87	42.44	11.58	4.91	1.82	676.48	428.76	270.50
4/3/93-5,1-B	5	61.51	23.05	34.67	9.98	2.60	3.05	672.04	332.52	207.86
Average		38.24	22.46	38.06	10.78	3.76	2.44	674.26	330.64	239.22
St. Dev.		32.92	0.84	6.20	1.13	1.63	0.87	3.14	53.91	44.30
%RSD		86	4	16	11	43	36	0	14	19
Min		14.06	21.87	34.67	9.98	2.60	1.82	672.04	332.52	207.86
Max		61.51	23.05	43.44	11.58	4.91	3.66	676.48	428.76	270.50
n		2	2	2	3	2	2	2	2	2
4/3/93-5,2-A	5	6.56	25.82	38.30	11.63	6.65	1.50	219.44	117.86	38.97
4/3/93-5,2-B	5	5.64	36.76	32.19	11.06	8.18	1.31	743.19	430.82	201.18
Average		6.10	31.29	35.40	11.34	7.82	1.41	483.83	288.34	120.08
St. Dev.		0.65	7.74	4.47	0.40	0.90	0.14	373.87	241.10	114.70
%RSD		11	25	13	4	12	10	77	84	96
Min		5.64	25.82	32.19	11.06	6.06	1.31	219.46	117.86	38.97
Max		6.96	36.76	38.80	11.63	8.18	1.50	748.19	450.82	201.18
n		2	2	2	2	2	2	2	2	2
Average		22.17	26.87	37.27	11.06	5.64	1.92	579.04	330.40	179.65
St. Dev.		26.86	6.80	4.90	0.77	2.43	0.78	243.28	154.38	98.86
%RSD		120	25	13	7	43	41	42	45	55
Min		5.64	21.87	32.19	9.98	2.60	1.31	219.46	117.86	38.97
Max		61.51	36.76	43.44	11.63	8.18	3.66	748.15	450.82	270.50
n		4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix [illegible]

[illegible]	[illegible]	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g	[illegible], ng/g
10/29/90-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	444.38	308.03
4/1/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	[illegible]	477.95	975.16
4/6/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.36	[illegible]	[illegible]	985.78
4/1/93-0,0	0	[illegible]	0.00	0.00	0.00	0.00	0.00	629.63	[illegible]	[illegible]	1304.66	[illegible]
Average		0.00	0.00	0.00	0.00	0.00	0.00	157.38	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	314.81	[illegible]	[illegible]	[illegible]	[illegible]
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	200	200	#DIV/0!	69	112
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	444.38	308.03
Max		0.00	0.00	0.00	0.00	0.00	0.00	629.63	48.36	[illegible]	[illegible]	[illegible]
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/93-2,1-A	2	[illegible]	[illegible]	428.11	121.39	464.65	130.41	1126.15	[illegible]	[illegible]	[illegible]	[illegible]
3/30/93-2,1-B	2	27.84	[illegible]	0.00	0.00	23.37	270.90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Average		[illegible]	[illegible]	[illegible]	60.79	[illegible]	[illegible]	1722.86	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	[illegible]	307.05	[illegible]	[illegible]	[illegible]	844.07	[illegible]	[illegible]	[illegible]	[illegible]
%RSD		139	61	141	141	126	40	49	11	45	6	6
Min		27.84	164.12	0.00	0.00	23.37	130.41	1126.15	[illegible]	[illegible]	[illegible]	[illegible]
Max		302.28	[illegible]	428.11	121.39	464.65	270.90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n		2	2	2	2	2	2	2	2	2	2	2
3/30/93-2,2-A	2	[illegible]	948.35	1.40	0.00	64.80	232.01	1408.44	401.36	379.41	3187.21	[illegible]
3/30/93-2,2-B	2	116.29	157.40	0.47	0.00	11.61	187.37	1270.00	[illegible]	[illegible]	[illegible]	[illegible]
Average		140.97	[illegible]	0.74	0.00	38.20	210.39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	557.30	0.42	0.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.80
%RSD		97	90	60	#DIV/0!	83	15	10	26	3	8	3
Min		116.29	157.40	0.47	0.00	11.61	187.37	1270.00	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	1.40	0.00	64.80	232.01	[illegible]	401.36	[illegible]	[illegible]	[illegible]
n		2	2	2	2	2	2	2	2	2	2	2
Average		[illegible]	464.20	[illegible]	30.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	[illegible]	[illegible]	60.79	[illegible]	[illegible]	[illegible]	77.48	[illegible]	[illegible]	[illegible]
%RSD		95	79	150	200	160	29	14	20	26	11	13
Min		27.84	157.40	0.00	0.00	11.61	130.41	1126.15	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	428.11	121.39	464.65	270.90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n		4	4	4	4	4	4	4	4	4	4	4
4/1/93-3,1-A	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.70	[illegible]	[illegible]	387.94	[illegible]	[illegible]
4/1/93-3,1-B	3	87.74	514.70	[illegible]	24.18	[illegible]	43.32	1227.72	[illegible]	431.81	[illegible]	3471.06
Average		[illegible]	657.28	227.47	95.90	[illegible]	[illegible]	1323.19	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	134.97	[illegible]	[illegible]	[illegible]	[illegible]
%RSD		114	31	35	106	53	50	10	1	17	[illegible]	4
Min		87.84	514.70	[illegible]	24.18	[illegible]	43.32	1227.72	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	167.48	[illegible]	94.70	[illegible]	[illegible]	[illegible]	[illegible]	3471.06
n		2	2	2	2	2	2	2	2	2	2	2
4/1/93-3,2-A	3	[illegible]	[illegible]	437.48	0.00	249.46	130.00	1312.91	487.71	[illegible]	[illegible]	[illegible]
4/1/93-3,2-B	3	186.19	[illegible]	118.11	0.00	0.00	176.00	[illegible]	[illegible]	[illegible]	3750.00	[illegible]
Average		[illegible]	[illegible]	277.80	0.00	[illegible]	[illegible]	[illegible]	447.18	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	[illegible]	[illegible]	0.00	176.31	[illegible]	[illegible]	71.40	[illegible]	[illegible]	[illegible]
%RSD		71	9	81	#DIV/0!	141	21	3	17	36	4	11
Min		186.19	[illegible]	118.11	0.00	0.00	130.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	437.48	0.00	[illegible]	176.00	[illegible]	487.71	[illegible]	[illegible]	[illegible]
n		2	2	2	2	2	2	2	2	2	2	2
Average		[illegible]	[illegible]	[illegible]	47.5	[illegible]	111.08	[illegible]	[illegible]	476.97	[illegible]	[illegible]
St. Dev.		[illegible]	197.00	[illegible]	[illegible]	[illegible]	55.73	94.28	[illegible]	106.37	[illegible]	[illegible]
%RSD		74	30	56	140	116	50	7	14	22	6	10
Min		87.84	[illegible]	118.11	0.00	0.00	43.32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	437.48	167.48	[illegible]	176.00	[illegible]	487.71	[illegible]	[illegible]	[illegible]
n		4	4	4	4	4	4	4	4	4	4	4
4/2/93-4,1-A	4	[illegible]	411.97	[illegible]	158.31	[illegible]	182.07	[illegible]	406.30	310.54	2987.44	3004.16
4/2/93-4,1-B	4	430.97	41.00	[illegible]	[illegible]	[illegible]	164.10	1331.10	[illegible]	391.45	1167.50	1144.27
Average		[illegible]	[illegible]	[illegible]	226.86	[illegible]	173.09	[illegible]	[illegible]	351.00	2077.47	[illegible]
St. Dev.		[illegible]	[illegible]	[illegible]	96.87	[illegible]	12.71	19.40	[illegible]	57.24	1286.80	[illegible]
%RSD		65	116	97	43	64	7	1	1	16	65	63
Min		[illegible]	41.00	[illegible]	158.31	[illegible]	164.10	[illegible]	[illegible]	[illegible]	[illegible]	1144.27
Max		430.97	411.97	[illegible]	[illegible]	[illegible]	182.07	[illegible]	[illegible]	[illegible]	2987.44	3004.16
n		2	2	2	2	2	2	2	2	2	2	2
4/2/93-4,2-A	4	71.56	146.45	230.41	19.16	[illegible]	200.75	[illegible]	590.11	[illegible]	[illegible]	[illegible]
4/2/93-4,2-B	4	53.96	119.90	176.83	10.30	[illegible]	176.02	[illegible]	311.61	[illegible]	[illegible]	[illegible]
Average		[illegible]	133.17	203.13	14.77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		12.37	18.78	37.19	6.32	15.31	17.40	[illegible]	33.58	15.91	107.30	[illegible]
%RSD		20	14	18	43	10	9	7	6	5	5	3
Min		53.96	119.90	176.83	10.30	[illegible]	176.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		71.56	146.45	230.48	19.16	[illegible]	200.75	[illegible]	[illegible]	[illegible]	[illegible]	3327.16
n		2	2	2	2	2	2	2	2	2	2	2
Average		177.50	179.75	[illegible]	120.79	[illegible]	188.74	[illegible]	470.2	[illegible]	[illegible]	[illegible]
St. Dev.		176.13	[illegible]	[illegible]	134.44	[illegible]	15.29	65.23	77.72	34.04	[illegible]	[illegible]
%RSD		99	90	71	111	91	8	5	17	10	43	30
Min		53.96	41.00	176.83	10.30	[illegible]	164.10	[illegible]	[illegible]	[illegible]	[illegible]	1144.27
Max		430.97	411.97	[illegible]	[illegible]	[illegible]	200.75	[illegible]	[illegible]	[illegible]	[illegible]	3327.16
n		4	4	4	4	4	4	4	4	4	4	4
4/3/93-5,1-A	5	168.45	460.44	526.70	25.85	260.60	164.07	1276.73	422.46	364.73	[illegible]	2792.92
4/3/93-5,1-B	5	182.51	324.76	441.60	100.97	325.34	126.55	1460.26	456.71	348.04	2725.53	2747.30
Average		175.48	392.60	484.15	63.41	292.97	145.31	1370.50	439.48	356.39	[illegible]	2770.11
St. Dev.		9.94	96.04	60.15	53.11	45.78	26.53	140.37	24.05	11.80	[illegible]	32.26
%RSD		6	24	12	84	16	18	10	5	3	2	1
Min		168.45	324.76	441.60	25.85	260.60	126.55	1276.73	422.46	348.04	[illegible]	2747.30
Max		182.51	460.44	526.70	100.97	325.34	164.07	1460.26	456.71	364.73	2725.53	[illegible]
n		2	2	2	2	2	2	2	2	2	2	2
4/3/93-5,2-A	5	40.13	90.17	213.08	0.00	0.00	138.06	1215.38	400.03	210.06	2684.57	2652.07
4/3/93-5,2-B	5	171.30	351.79	466.13	178.39	353.80	197.01	1405.33	417.94	300.57	[illegible]	2431.34
Average		105.71	220.98	339.61	89.19	176.90	167.54	1310.35	[illegible]	[illegible]	2620.71	2541.70
St. Dev.		92.74	184.99	178.98	126.14	250.17	41.69	134.32	[illegible]	106.49	373.18	187.90
%RSD		88	84	53	141	141	25	10	10	37	14	11
Min		40.13	90.17	213.08	0.00	0.00	138.06	1215.38	417.9	210.06	[illegible]	2431.34
Max		171.30	351.79	466.13	178.39	353.80	197.01	1405.33	[illegible]	300.57	[illegible]	2652.07
n		2	2	2	2	2	2	2	2	2	2	2
Average		140.59	306.79	[illegible]	76.30	234.93	156.42	1340.18	444.33	[illegible]	[illegible]	[illegible]
St. Dev.		67.25	156.06	137.27	[illegible]	161.40	[illegible]	117.34	[illegible]	74.20	221.30	[illegible]
%RSD		48	51	33	166	69	20	9	7	33	8	7
Min		40.13	90.17	213.08	0.00	0.00	126.56	1215.38	417.94	210.06	[illegible]	2431.34
Max		182.51	460.44	526.70	178.39	353.80	197.01	1460.26	[illegible]	364.73	[illegible]	[illegible]
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

SAMP PUF ID	[illegible]	BAA, ng/g	CHR, ng/g	BBF, ng/g	BKF, ng/g	BEP, ng/g	BAP, ng/g	PER, ng/g	INP, ng/g	DBA, ng/g	BPE, ng/g	Σ PAHs, ng/g
1/23/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9031.00	0.00	13242.317
4/1/93-0,0	0	0.00	0.00	530.20	307.20	1066.25	151.40	2424.37	0.00	1522.66	0.00	15867.136
4/2/93-0,0	0	134.20	141.66	307.48	528.94	248.50	416.72	908.50	0.00	1577.82	0.00	7734.280
4/3/93-0,0	0	0.00	2300.53	0.00	5846.64	2926.20	1675.36	0.00	0.00	10210.45	0.00	31408.173
Average		72.08	1??.32	208.16	1591.07	1050.26	560.84	864.20	0.00	7706.50	0.00	17068.486
St. Dev.		140.87	1093.53	278.60	2650.30	1285.68	768.76	1142.76	0.03	3900.51	0.00	10186.371
%RSD		200	180	128	164	120	135	134	#DIV/0!	55	#DIV/0!	60
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1577.82	0.00	7734.280
Max		288.20	2300.53	562.48	5846.64	2926.20	1675.36	2424.37	2.52	10210.45	0.00	31408.173
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.000
3/29/93-2,1-A	2	1098.71	1561.23	1792.45	1064.68	1400.28	1431.00	346.30	1587.28	127.74	2206.46	24877.877
3/29/93-2,1-B	2	1162.60	2415.40	2608.40	2894.66	2346.97	1462.46	403.32	1165.54	255.35	1715.01	27214.268
Average		1130.36	1988.40	2200.48	1979.74	1867.62	1447.19	374.86	1376.84	191.56	1986.28	26045.068
St. Dev.		44.68	605.98	577.70	1293.80	624.38	22.74	40.83	299.36	90.60	476.27	1652.364
%RSD		4	30	26	65	33	2	11	22	47	24	6
Min		1098.71	1561.22	1792.45	1064.89	1400.28	1431.00	346.30	1165.54	127.74	1715.01	24877.877
Max		1162.60	2415.40	2608.40	2894.66	2346.97	1462.46	403.32	1587.22	255.35	2206.46	27214.268
n		2	2	2	2	2	2	2	2	2	2	2
3/30/93-2,2-A	2	1068.06	1957.27	2708.50	2797.76	2276.87	1521.90	340.87	1212.17	257.60	1392.34	28155.670
3/30/93-2,2-B	2	947.30	2250.91	2407.73	1125.40	1988.50	1422.62	516.70	1071.08	16.78	1360.45	22128.968
Average		1007.68	1933.84	2558.06	1961.59	2132.66	1472.06	428.79	1141.63	137.19	1376.40	25142.319
St. Dev.		85.39	73.73	212.17	1183.85	203.77	70.04	124.87	99.74	170.30	22.56	4262.532
%RSD		8	4	12	60	10	5	27	9	125	1	17
Min		947.30	1957.27	2407.73	1125.40	1988.60	1422.63	340.87	1071.68	16.78	1360.45	22128.968
Max		1068.06	2250.91	2708.50	2797.76	2276.87	1521.90	516.70	1212.17	257.60	1392.34	28155.670
n		2	2	2	2	2	2	2	2	2	2	2
Average		1068.17	2050.97	2366.74	1970.67	2014.28	1464.63	471.37	1258.86	170.34	1687.23	25944.144
St. Dev.		94.68	347.88	340.13	1012.86	401.74	46.14	83.86	208.40	123.32	473.90	2404.482
%RSD		9	12	14	51	20	3	18	17	73	30	10
Min		947.30	1561.35	1792.45	1064.89	1400.30	1422.63	340.87	1071.08	16.78	1360.45	22128.968
Max		1162.60	2415.40	2708.50	2894.66	2346.97	1521.90	516.70	1587.28	257.60	2206.46	28155.670
n		4	4	4	4	4	4	4	4	4	4	4
4/1/93-3,1-A	3	1172.14	2171.37	1453.36	867.56	1619.56	1498.10	678.80	1418.79	221.45	1882.12	25738.754
4/1/93-3,1-B	3	1269.50	2303.97	1567.23	1300.64	1967.80	1769.86	937.65	2251.86	97.17	2646.44	26194.216
Average		1220.82	2237.67	1510.30	1084.10	1793.68	1637.98	808.27	1835.32	159.31	2264.28	25966.487
St. Dev.		68.85	93.76	80.51	306.36	245.11	200.06	182.87	588.75	87.88	540.46	1020.120
%RSD		6	4	5	28	14	12	23	32	55	24	4
Min		1172.14	2171.37	1453.36	867.56	1619.56	1498.10	678.80	1418.79	97.17	1882.12	25738.754
Max		1269.50	2303.97	1567.24	1300.64	1967.80	1769.86	937.65	2251.86	221.45	2646.44	26194.216
n		2	2	2	2	2	2	2	2	2	2	2
4/1/93-3,2-A	3	1130.00	1989.23	1274.45	1056.04	1593.05	1358.62	1261.13	1873.81	100.92	2185.11	28743.019
4/1/93-3,2-B	3	1140.36	2375.31	3200.45	3639.82	1936.04	1512.33	1100.69	0.00	212.38	2570.08	30602.015
Average		1135.86	2182.77	2201.75	2347.93	1764.55	1435.48	1180.91	936.91	156.65	2377.60	29697.517
St. Dev.		7.33	272.98	1361.67	1827.61	242.57	108.72	113.48	1324.98	78.75	270.86	922.362
%RSD		0	15	66	78	14	2	10	141	49	11	3
Min		1130.00	1989.23	1274.45	1056.04	1593.05	1358.62	1100.69	0.00	100.92	2185.11	28743.019
Max		1140.36	2375.31	3200.45	3639.82	1936.04	1512.33	1261.13	1873.81	212.38	2570.08	30602.015
n		2	2	2	2	2	2	2	2	2	2	2
Average		1180.20	2198.22	1926.08	1716.12	1779.34	1536.73	994.60	1411.11	158.16	2321.04	27837.175
St. Dev.		62.48	198.80	1000.42	1264.65	162.17	151.17	248.48	1014.06	66.40	301.56	2364.108
%RSD		5	9	54	75	9	8	25	72	42	13	8
Min		1130.00	1989.23	1274.45	867.56	1593.05	1358.62	678.80	0.00	97.17	1882.12	25738.754
Max		1269.50	2375.31	3200.45	3639.82	1967.80	1769.86	1261.13	2251.86	221.45	2646.44	30602.015
n		4	4	4	4	4	4	4	4	4	4	4
4/2/93-4,1-A	4	1204.46	1903.06	1514.71	1036.78	1306.38	1407.13	704.11	2196.00	374.96	2470.75	28494.103
4/2/93-4,1-B	4	345.83	518.87	0.00	1943.85	914.21	942.07	509.39	0.00	32.73	1070.54	15690.379
Average		775.15	1210.97	757.36	1490.32	1110.30	1174.60	606.75	1098.00	203.85	1770.64	22092.241
St. Dev.		607.14	979.77	1071.06	640.60	276.40	328.85	137.80	1552.80	241.99	990.34	9053.226
%RSD		78	81	141	43	25	28	23	141	119	56	34
Min		345.83	518.87	0.00	1036.78	914.21	942.07	509.39	0.00	32.73	1070.54	15690.379
Max		1204.46	1903.06	1514.71	1943.85	1306.38	1407.13	704.11	2196.00	374.96	2470.75	28494.103
n		2	2	2	2	2	2	2	2	2	2	2
4/2/93-4,2-A	4	1101.10	1813.03	1119.44	937.01	1416.07	1477.85	723.11	1695.30	209.87	2056.79	22478.592
4/2/93-4,2-B	4	1186.23	1899.46	1357.77	1009.27	1331.46	1476.46	730.97	2003.57	154.43	2311.08	23149.098
Average		1143.67	1856.20	1238.60	973.14	1374.16	1477.17	727.04	1849.46	182.15	2184.94	22813.845
St. Dev.		60.20	60.46	168.53	51.10	60.12	0.97	5.56	217.92	39.20	181.34	473.121
%RSD		5	3	14	5	4	0	1	12	22	8	2
Min		1101.10	1813.03	1119.44	937.01	1331.46	1476.46	723.11	1695.30	154.43	2056.79	22478.592
Max		1186.23	1899.46	1357.77	1009.27	1416.07	1477.85	730.97	2003.57	209.87	2311.08	23149.098
n		2	2	2	2	2	2	2	2	2	2	2
Average		959.41	1533.58	997.98	1231.68	1241.99	1325.88	666.14	1473.70	193.00	1979.29	21702.910
St. Dev.		411.92	677.90	686.83	476.11	223.25	266.58	107.88	1010.80	147.80	740.01	4211.606
%RSD		43	44	69	39	18	20	16	69	76	37	19
Min		345.83	518.87	0.00	937.01	914.21	942.07	509.39	0.00	32.73	1070.54	15690.379
Max		1204.46	1903.06	1514.71	1943.85	1416.07	1477.85	730.97	2196.00	374.96	2470.75	28494.103
n		4	4	4	4	4	4	4	4	4	4	4
4/3/93-5,1-A	5	1157.06	1754.05	1536.08	794.41	1376.93	1441.22	687.60	1843.17	242.74	2206.98	23532.987
4/3/93-5,1-B	5	1219.80	1782.59	0.00	2960.39	1381.91	1610.23	719.55	2189.35	0.00	2518.47	24866.352
Average		1188.43	1768.32	768.04	1877.40	1379.42	1525.73	703.57	2016.26	121.37	2362.72	24199.620
St. Dev.		44.36	20.18	1086.17	1531.72	3.52	119.50	22.60	244.71	171.64	220.25	943.136
%RSD		4	1	141	82	0	8	3	12	141	9	4
Min		1157.06	1754.05	0.00	794.41	1376.93	1441.22	687.60	1843.17	0.00	2206.98	23532.987
Max		1219.80	1782.59	1536.08	2960.39	1381.91	1610.23	719.55	2189.35	242.74	2518.47	24866.352
n		2	2	2	2	2	2	2	2	2	2	2
4/3/93-5,2-A	5	1043.90	1684.93	1095.91	606.71	1089.02	1117.46	552.71	1809.25	139.77	2035.30	17745.233
4/3/93-5,2-B	5	1136.33	1736.60	1667.37	2837.10	1338.42	1375.87	740.27	2321.51	890.06	2300.36	20742.402
Average		1090.12	1710.63	1381.64	1721.91	1213.72	1246.67	646.49	2065.38	514.92	2217.90	19243.817
St. Dev.		65.36	36.60	404.06	1577.27	176.35	182.66	132.63	362.22	530.50	220.71	4047.745
%RSD		6	2	29	92	15	24	21	16	103	10	21
Min		1043.90	1684.93	1095.91	606.71	1089.02	1117.46	552.71	1809.25	139.77	2035.30	19745.233
Max		1136.33	1736.60	1667.37	2837.10	1338.42	1375.87	740.27	2321.51	890.06	2300.36	20742.402
n		2	2	2	2	2	2	2	2	2	2	2
Average		1139.27	1739.37	1073.36	1804.71	1296.98	1436.20	675.03	2063.30	318.14	2290.33	21721.681
St. Dev.		72.81	40.62	725.08	1277.95	130.74	224.52	84.39	230.60	394.06	201.96	2603.800
%RSD		6	2	70	71	11	16	13	12	124	9	12
Min		1043.90	1684.93	0.00	606.71	1089.02	1117.46	552.71	1843.17	0.70	2035.30	19748.233
Max		1219.80	1782.59	1667.37	2960.39	1381.91	1614.23	740.27	2321.51	890.06	2518.47	20742.402
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: [illegible] PB# 3

[illegible] PB(3)	[illegible] #3	Filter #	Amt filtered, g	C, mg	H, mg	N, mg	C, mg/g	H, mg/g	N, mg/g	4-2 µm (10-9 Φ) (fine clay) %	2-4 µm (9-8 Φ) (coarse clay) %
3/30/92-0,0	0	30	0.0012	0.025	0.035	0.005	20.833	29.167	4.167		
4/1/92-0,0	0	34	0.0018	0.018	0.032	0.005	10.000	17.778	2.778		
4/3/92-0,0	0	43	0.0015	0.052	0.05[illegible]	0.005	34.667	34.[illegible]	3.333		
4/3/92-0,0	0	44	0.0022	0.040	0.011	0.005	18.182	[illegible]	2.273		
Average			0.0017	0.0338	0.0[illegible]	0.0050	20.[illegible]	23.[illegible]	2.[illegible]	#DIV/0!	#DIV/0!
St. Dev.			0.00[illegible]	0.0153	0.0[illegible]	0.0000	[illegible]	[illegible]	0.[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	24	45	[illegible]	0	177	63	0	#DIV/0!	#DIV/0!
Min			0.0012	0.0180	0.0[illegible]	0.0050	18.[illegible]	[illegible]	[illegible]	0.0000	0.0000
Max			0.0[illegible]	0.0520	0.0[illegible]	0.0050	[illegible]	[illegible]	[illegible]	0.0000	0.0000
n			4	4	4	4				0	0
3/30/92-2,1-A	2	28	0.0047	0.288	0.[illegible]	0.034	30.[illegible]	[illegible]	7.2[illegible]		
3/30/92-2,1-B	2	29	0.0048	0.316	0.0[illegible]	0.038	65.833	18.542	7.917	0.00	8.30
Average			0.0048	0.3[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	7.[illegible]	0.0000	[illegible]
St. Dev.			0.00[illegible]	0.0[illegible]	0.0[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	1	5	4	8	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
Min			0.0047	0.2880	0.0[illegible]	0.0[illegible]	[illegible]	18.[illegible]	7.2[illegible]	0.0000	8.3000
Max			0.0048	0.3160	0.0[illegible]	0.0[illegible]	65.[illegible]	19.[illegible]	7.917	0.0000	8.3000
n			2	2	2	2				1	1
3/30/92-2,2-A	2	31	0.0048	0.30[illegible]	0.0[illegible]	0.037	63.125	20.417	7.708		
3/30/92-2,2-B	2	32	0.0037	0.252	0.0[illegible]	0.031	68.108	23.243	8.378	0.00	7.[illegible]
Average			0.0043	0.2775	0.0[illegible]	0.0340	6[illegible]	21.[illegible]	8.[illegible]	0.0000	7.[illegible]
St. Dev.			0.00[illegible]	0.0361	0.0[illegible]	0.0042	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	18	13	9	12	71	[illegible]	[illegible]	#DIV/0!	#DIV/0!
Min			0.0037	0.2520	0.0[illegible]	0.0310	63.1[illegible]	20.[illegible]	7.[illegible]	0.0000	7.[illegible]
Max			0.0048	0.30[illegible]	0.0[illegible]	0.0370	6[illegible]	2[illegible]	8.[illegible]	0.0000	7.[illegible]
n			2	2	2	2				1	1
Average			0.0045	0.2978	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	7.[illegible]	0.0000	7.[illegible]
St. Dev.			0.0005	0.0[illegible]	0.0[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	0.0000	[illegible]
% RSD		#DIV/0!	12	10	6	9	[illegible]	[illegible]	[illegible]	#DIV/0!	[illegible]
Min			0.0037	0.2520	0.0[illegible]	0.0310	[illegible]	[illegible]	[illegible]	0.0000	7.[illegible]
Max			0.0048	0.3160	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	7.917	0.0000	8.[illegible]
n			4	4	4	4				2	2
4/1/92-3,1-A	3	35	0.00[illegible]	0.193	0.071	0.0[illegible]	[illegible]	[illegible]	6.[illegible]		
4/1/92-3,1-B	3	36	0.00[illegible]	0.2[illegible]	0.076	0.0[illegible]	[illegible]	17.[illegible]	[illegible]	0.00	7.15
Average			0.00[illegible]	0.2[illegible]	0.07[illegible]	0.0[illegible]	40.[illegible]	[illegible]	[illegible]	0.0000	7.1250
St. Dev.			0.00[illegible]	0.0[illegible]	0.00[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	9	6	[illegible]	3	44	[illegible]	[illegible]	#DIV/0!	#DIV/0!
Min			0.00[illegible]	0.1[illegible]	0.0710	0.0[illegible]	[illegible]	[illegible]	[illegible]	0.0000	7.1[illegible]
Max			0.00[illegible]	0.2[illegible]	0.07[illegible]	0.0[illegible]	[illegible]	17.[illegible]	[illegible]	0.0000	7.[illegible]
n			2	2	2	2				1	1
4/1/92-3,2-A	3	37	0.0046	0.247	0.085	0.0[illegible]	36.136	10.318	6.591		
4/1/92-3,2-B	3	38	0.00[illegible]	0.2[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.730	0.00	[illegible]
Average			0.00[illegible]	0.2[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	[illegible]
St. Dev.			0.00[illegible]	0.0[illegible]	0.00[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	3	3	0	5	[illegible]	0	[illegible]	#DIV/0!	#DIV/0!
Min			0.0044	0.2470	0.0[illegible]	0.0[illegible]	36.136	[illegible]	6.[illegible]	0.0000	[illegible]
Max			0.00[illegible]	0.2[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.730	0.0000	[illegible]
n			2	2	2	2				1	1
Average			0.00[illegible]	0.2[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	[illegible]
St. Dev.			0.00[illegible]	0.0[illegible]	0.00[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	0.0000	[illegible]
% RSD		#DIV/0!	5	13	9	10	147	110	[illegible]	#DIV/0!	17
Min			0.00[illegible]	0.1[illegible]	0.0710	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	7.1000
Max			0.00[illegible]	0.2[illegible]	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.730	0.0000	[illegible]
n			4	4	4	4				2	2
4/2/92-4,1-A	4	39	0.00[illegible]	0.370	0.0[illegible]	0.0[illegible]	[illegible]	14.615	6.615		
4/2/92-4,1-B	4	42	0.0075	lost	lost	lost	#VALUE!	#VALUE!	#VALUE!	0.00	[illegible]
Average			0.00[illegible]	0.3700	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	[illegible]
St. Dev.			0.00[illegible]	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	10	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.00[illegible]	0.3700	0.0[illegible]	0.0[illegible]	[illegible]	14.615	6.6[illegible]	0.0000	[illegible]
Max			0.00[illegible]	0.3700	0.0[illegible]	0.0[illegible]	[illegible]	[illegible]	[illegible]	0.0000	[illegible]
n			2	1	1	1				1	1
4/2/92-4,2-A	4	40	0.01[illegible]	lost	lost	lost	#VALUE!	#VALUE!	#VALUE!		
4/2/92-4,2-B	4	4[illegible]	0.00[illegible]	0.572	0.136	0.0[illegible]	[illegible]	13.[illegible]	6.[illegible]	0.00	7.46
Average			0.0[illegible]	0.5720	0.1360	0.0[illegible]	[illegible]	13.[illegible]	6.[illegible]	0.0000	7.4[illegible]
St. Dev.			0.00[illegible]	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	[illegible]	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.00[illegible]	0.5720	0.1360	0.0[illegible]	[illegible]	13.[illegible]	6.[illegible]	0.0000	7.4[illegible]
Max			0.0[illegible]	0.5720	0.1360	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	7.4[illegible]
n			2	1	1	1				1	1
Average			0.00[illegible]	0.4710	0.11[illegible]	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	[illegible]
St. Dev.			0.00[illegible]	0.1428	0.0[illegible]	0.0[illegible]	73.[illegible]	[illegible]	9.[illegible]	0.0000	1.1[illegible]
% RSD		#DIV/0!	[illegible]	30	[illegible]	[illegible]	13[illegible]	114	140	#DIV/0!	17
Min			0.00[illegible]	0.3700	0.0[illegible]	0.0[illegible]	[illegible]	14.615	6.[illegible]	0.0000	[illegible]
Max			0.0[illegible]	0.5720	0.1360	0.0[illegible]	[illegible]	[illegible]	6.[illegible]	0.0000	7.4[illegible]
n			4	2	2	2				2	2
4/3/92-5,1-A	5	45	0.00[illegible]	0.443	0.115	0.0[illegible]	[illegible]	15.132	7.1[illegible]		
4/3/92-5,1-B	5	4[illegible]	0.0071	0.4[illegible]	0.122	0.0[illegible]	[illegible]	17.1[illegible]	7.[illegible]	0.00	7.[illegible]
Average			0.00[illegible]	0.4[illegible]	0.11[illegible]	0.0[illegible]	[illegible]	16.1[illegible]	7.[illegible]	0.0000	7.[illegible]
St. Dev.			0.00[illegible]	0.0[illegible]	0.00[illegible]	0.0[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	5	7	4	3	1[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
Min			0.00[illegible]	0.4[illegible]	0.1150	0.0[illegible]	[illegible]	15.1[illegible]	7.[illegible]	0.0000	7.[illegible]
Max			0.00[illegible]	0.4[illegible]	0.1220	0.0[illegible]	[illegible]	[illegible]	7.[illegible]	0.0000	7.[illegible]
n			2	2	2	2				1	1
4/3/92-5,2-A	5	47	0.0[illegible]	[illegible]	0.10[illegible]	0.0[illegible]	[illegible]	13.919	5.946		
4/3/92-5,2-B	5	48	0.00[illegible]	0.392	0.10[illegible]	0.0[illegible]	[illegible]	15.373	6.547	0.00	6.71
Average			0.00[illegible]	0.3[illegible]	0.10[illegible]	0.0[illegible]	[illegible]	14.[illegible]	6.2[illegible]	0.0000	6.7100
St. Dev.			0.00[illegible]	0.0[illegible]	0.00[illegible]	0.00[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	#DIV/0!	#DIV/0!
Min			0.00[illegible]	0.3[illegible]	0.10[illegible]	0.0[illegible]	[illegible]	15.373	6.547	0.0000	6.7100
Max			0.00[illegible]	0.3[illegible]	0.10[illegible]	0.0[illegible]	[illegible]	13.919	5.946	0.0000	6.7100
n			2	2	2	2				1	1
Average			0.0072	0.4[illegible]	0.1108	0.0[illegible]	[illegible]	15.[illegible]	6.[illegible]	0.0000	7.[illegible]
St. Dev.			0.000[illegible]	0.0[illegible]	0.00[illegible]	0.0[illegible]	117.[illegible]	23.[illegible]	16.[illegible]	0.0000	0.[illegible]
% RSD		#DIV/0!	5	11	8	13	197	156	23[illegible]	#DIV/0!	9
Min			0.0067	0.3920	0.10[illegible]	0.0[illegible]	[illegible]	15.373	6.547	0.0000	6.7100
Max			0.0076	0.4[illegible]	0.12[illegible]	0.0[illegible]	64.[illegible]	16.[illegible]	7.[illegible]	0.0000	7.[illegible]
n			4	4	4	4				2	2

ND = Not Determined

Sample ID	Dynamics #'s	4-42 µm (8-4 Φ) (silt) %	42-300 µm (4-1.75 Φ)(Appendix 3: SSM PSA) (silt to fine sand) %	sum, %	Mode, µm	Median, µm	Mean (est), µm	S.D. (est), µm	Conf (est), %
3/30/92-0,0	0								
4/1/92-0,0	0								
4/2/92-0,0	0			0.00					
4/3/92-0,0	0								
Average		#DIV/0!	#DIV/0!	0.0000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Max		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n		0	0	1	0	0	0	0	0
3/30/92-2,1-A	2								
3/30/92-2,1-B	2	83.40	8.10	100.00	10.50	12.42	22.16	26.90	99.96
Average		83.4000	8.1000	100.0000	10.5000	12.4200	22.1600	26.9000	99.9600
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		83.4000	8.1000	100.0000	10.5000	12.4200	22.1600	26.9000	99.9600
Max		83.4000	8.1000	100.0000	10.5000	12.4200	22.1600	26.9000	99.9600
n		1	1	1	1	1	1	1	1
3/30/92-2,2-A	2								
3/30/92-2,2-B	2	85.78	6.54	100.00	10.50	12.85	21.59	25.98	99.97
Average		85.7800	6.5400	100.0000	10.5000	12.8500	21.5900	25.9800	99.9700
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		85.7800	6.5400	100.0000	10.5000	12.8500	21.5900	25.9800	99.9700
Max		85.7800	6.5400	100.0000	10.5000	12.8500	21.5900	25.9800	99.9700
n		1	1	1	1	1	1	1	1
Average		84.6000	7.3200	100.0000	10.5000	12.6350	21.8750	26.3900	99.9650
St. Dev.		1.6815	1.1031	0.0000	0.0000	0.3041	0.4031	0.7212	0.0071
% RSD		2	15	0	0	2	2	3	0
Min		83.4000	6.5400	100.0000	10.5000	12.4200	21.5900	25.9800	99.9600
Max		85.7800	8.1000	100.0000	10.5000	12.8500	22.1600	26.9000	99.9700
n		2	2	2	2	2	2	2	2
4/1/92-3,1-A	3								
4/1/92-3,1-B	3	85.10	7.75	100.00	10.50	13.45	22.59	25.90	99.98
Average		85.1000	7.7500	100.0000	10.5000	13.4500	22.5900	25.9000	99.9800
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		85.1000	7.7500	100.0000	10.5000	13.4500	22.5900	25.9000	99.9800
Max		85.1000	7.7500	100.0000	10.5000	13.4500	22.5900	25.9000	99.9800
n		1	1	1	1	1	1	1	1
4/1/92-3,2-A	3								
4/1/92-3,2-B	3	82.56	8.35	100.00	10.50	11.77	20.41	25.08	99.97
Average		82.5600	8.3500	100.0000	10.5000	11.7700	20.4100	25.0800	99.9700
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		82.5600	8.3500	100.0000	10.5000	11.7700	20.4100	25.0800	99.9700
Max		82.5600	8.3500	100.0000	10.5000	11.7700	20.4100	25.0800	99.9700
n		1	1	1	1	1	1	1	1
Average		83.8300	8.0500	100.0000	10.5000	12.6100	21.5000	25.4900	99.9750
St. Dev.		1.7961	0.4243	0.0000	0.0000	1.1879	1.5415	0.5798	0.0071
% RSD		2	5	0	0	9	7	2	0
Min		82.5600	7.7500	100.0000	10.5000	11.7700	20.4100	25.0800	99.9700
Max		85.1000	8.3500	100.0000	10.5000	13.4500	22.5900	25.9000	99.9800
n		2	2	2	2	2	2	2	2
4/2/92-4,1-A	4								
4/2/92-4,1-B	4	83.40	10.60	99.99	10.50	15.41	27.08	30.87	99.99
Average		83.4000	10.6000	99.9900	10.5000	15.4100	27.0800	30.8700	99.9900
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		83.4000	10.6000	99.9900	10.5000	15.4100	27.0800	30.8700	99.9900
Max		83.4000	10.6000	99.9900	10.5000	15.4100	27.0800	30.8700	99.9900
n		1	1	1	1	1	1	1	1
4/2/92-4,2-A	4								
4/2/92-4,2-B	4	85.60	6.06	100.01	10.50	12.94	20.80	22.82	99.99
Average		85.6000	6.0600	100.0100	10.5000	12.9400	20.8000	22.8200	99.9900
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		85.6000	6.0600	100.0100	10.5000	12.9400	20.8000	22.8200	99.9900
Max		85.6000	6.0600	100.0100	10.5000	12.9400	20.8000	22.8200	99.9900
n		1	1	1	1	1	1	1	1
Average		84.5000	8.3300	100.0000	10.5000	14.1750	23.9400	26.8450	99.9900
St. Dev.		1.5556	3.2103	0.0141	0.0000	1.7466	4.4406	5.6922	0.0000
% RSD		2	39	0	0	12	19	21	0
Min		83.4000	6.0600	99.9900	10.5000	12.9400	20.8000	22.8200	99.9900
Max		85.6000	10.6000	100.0100	10.5000	15.4100	27.0800	30.8700	99.9900
n		2	2	2	2	2	2	2	2
4/3/92-5,1-A	5								
4/3/92-5,1-B	5	71.00	21.28	100.00	25.56	20.40	39.37	44.54	99.99
Average		71.0000	21.2800	100.0000	25.5600	20.4000	39.3700	44.5400	99.9900
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		71.0000	21.2800	100.0000	25.5600	20.4000	39.3700	44.5400	99.9900
Max		71.0000	21.2800	100.0000	25.5600	20.4000	39.3700	44.5400	99.9900
n		1	1	1	1	1	1	1	1
4/3/92-5,2-A	5								
4/3/92-5,2-B	5	85.54	7.75	100.00	10.50	14.00	23.05	24.93	99.99
Average		85.5400	7.7500	100.0000	10.5000	14.0000	23.0500	24.9300	99.9900
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		85.5400	7.7500	100.0000	10.5000	14.0000	23.0500	24.9300	99.9900
Max		85.5400	7.7500	100.0000	10.5000	14.0000	23.0500	24.9300	99.9900
n		1	1	1	1	1	1	1	1
Average		78.2700	14.5150	100.0000	18.0300	17.2000	31.2100	34.7350	99.9900
St. Dev.		10.2177	9.5672	0.0000	10.6400	4.5255	11.5400	13.8664	0.0000
% RSD		13	66	0	59	26	37	40	0
Min		71.0000	7.7500	100.0000	10.5000	14.0000	23.0500	24.9300	99.9900
Max		85.5400	21.2800	100.0000	25.5600	20.4000	39.3700	44.5400	99.9900
n		2	2	2	2	2	2	2	2

ND = Not Determined

BEM PBS#	Synonym #	CB#65, ng	CB#53, ng	CB#70, ng	CB#66, ng	CB#95, ng	CB#92, ng	CB#154, ng	CB#141, ng	CB#146, ng	CB#182, ng	CB#87, ng
3/30/93-A,1	1	0.31	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
4/1/93-A,1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/93-A,1	1	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.21
4/3/93-A,1	1	0.00	0.00	0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.10	0.21
Average		0.08	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.07	0.05
St. Dev.		0.15	0.00	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.05	0.09
%RSD		200	#DIV/0!	200	120	100	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	71	183
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.31	0.00	0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.10	0.21
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/93-A,1-A	1	0.00	0.41	0.00	6.57	5.27	3.84	0.17	1.19	3.37	4.77	2.79
3/30/93-A,1-B	1	0.17	0.00	0.00	7.31	5.86	4.28	3.25	0.00	3.82	7.49	7.28
Average		0.00	0.00	0.00	6.94	5.56	4.07	1.72	0.94	3.60	7.20	5.27
St. Dev.		0.17	0.00	0.00	0.52	0.44	0.31	2.19	0.26	0.35	0.35	0.05
%RSD		98	48	#DIV/0!	8	8	8	126	28	9	82	1
Min		0.17	0.41	0.00	6.57	5.33	3.84	0.17	0.68	3.37	6.73	2.95
Max		0.00	0.00	0.00	7.31	5.86	4.28	3.25	1.19	3.82	7.59	2.99
n		2	2	2	2	2	2	2	2	2	2	2
3/30/93-A,2-A	2	0.47	0.55	0.00	6.72	5.53	3.84	0.00	0.54	3.60	7.45	2.97
3/30/93-A,2-B	2	0.34	0.00	0.01	7.04	5.80	4.42	0.00	0.72	3.84	7.80	2.99
Average		0.40	0.28	0.00	6.88	5.66	4.08	0.00	0.63	3.77	7.76	2.73
St. Dev.		0.09	0.00	0.00	0.23	0.20	0.27	0.00	0.13	0.11	0.14	0.23
%RSD		23	0	141	3	3	14	#DIV/0!	26	3	2	8
Min		0.34	0.00	0.00	6.72	5.53	3.84	0.00	0.54	3.60	7.45	2.97
Max		0.47	0.55	0.01	7.04	5.80	4.42	0.00	0.72	3.84	7.80	2.99
n		2	2	2	2	2	2	2	2	2	2	2
Average		0.00	0.00	0.00	6.91	5.60	4.04	0.00	0.00	3.68	7.56	2.98
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0	0	200	0	0	0	#DIV/0!	0	0	0	0
Min		0.00	0.00	0.00	6.91	5.60	4.04	0.00	0.00	3.68	7.56	2.98
Max		0.00	0.00	0.00	6.91	5.60	4.04	0.00	0.00	3.68	7.56	2.98
n		2	2	2	2	2	2	2	2	2	2	2
4/1/93-A,1-A	3	0.77	1.07	0.00	7.04	5.43	4.01	0.00	1.23	4.08	8.03	3.10
4/1/93-A,1-B	3	0.11	0.21	0.00	6.33	3.40	2.60	0.00	0.21	2.41	5.21	1.68
Average		0.44	0.64	0.00	6.68	4.91	3.31	0.00	0.72	3.25	6.62	2.34
St. Dev.		0.47	0.61	0.00	2.49	2.13	1.43	0.00	0.70	1.18	2.70	0.98
%RSD		106	95	141	46	43	43	#DIV/0!	98	36	39	36
Min		0.11	0.21	0.00	4.32	3.40	2.60	0.00	0.21	2.41	5.21	1.68
Max		0.77	1.07	0.00	7.04	6.43	4.01	0.00	1.23	4.08	8.03	3.10
n		2	2	2	2	2	2	2	2	2	2	2
4/1/93-A,2-A	3	0.74	1.13	0.00	7.76	6.25	3.83	0.00	1.86	3.68	8.47	3.28
4/1/93-A,2-B	3	0.26	0.48	0.00	7.07	5.63	4.46	0.00	0.77	3.79	8.07	2.89
Average		0.50	0.81	0.00	7.42	5.94	4.14	0.00	1.31	3.74	8.27	3.07
St. Dev.		0.34	0.45	0.00	0.50	0.44	0.30	0.00	0.83	0.08	0.28	0.28
%RSD		71	57	141	7	7	6	#DIV/0!	63	2	3	14
Min		0.26	0.48	0.00	7.07	5.63	4.46	0.00	0.77	3.79	8.07	2.89
Max		0.74	1.13	0.00	7.76	6.25	3.83	0.00	1.86	3.68	8.47	3.28
n		2	2	2	2	2	2	2	2	2	2	2
Average		0.47	0.72	0.00	6.78	5.01	4.26	0.00	0.97	3.84	7.84	3.16
St. Dev.		0.34	0.48	0.00	1.46	1.39	1.13	0.00	0.61	0.78	1.97	0.65
%RSD		73	67	141	22	28	26	#DIV/0!	63	20	25	20
Min		0.11	0.21	0.00	4.25	3.40	2.60	0.00	0.33	2.48	5.21	2.70
Max		0.77	1.13	0.00	7.76	6.43	4.01	0.00	1.86	5.06	8.47	3.28
n		4	4	4	4	4	4	4	4	4	4	4
4/2/93-A,1-A	4	1.69	1.93	0.21	14.48	12.08	8.86	0.44	2.53	7.30	14.16	6.84
4/2/93-A,1-B	4	0.96	1.14	0.20	14.87	11.87	9.18	0.36	2.36	7.26	15.25	5.73
Average		0.97	1.53	0.26	14.17	11.98	9.02	0.40	2.88	7.28	14.70	6.29
St. Dev.		0.52	0.28	0.05	0.28	0.29	0.23	0.04	0.26	0.07	0.40	0.78
%RSD		36	20	25	2	3	3	14	10	1	4	4
Min		0.63	1.14	0.20	14.87	11.87	8.86	0.36	2.36	7.26	14.36	5.73
Max		1.69	1.93	0.21	14.48	12.08	9.18	0.44	2.53	7.30	15.25	6.84
n		2	2	2	2	2	2	2	2	2	2	2
4/2/93-A,2-A	4	1.44	1.86	0.18	14.63	12.33	14.18	0.71	3.31	10.48	22.85	8.93
4/2/93-A,2-B	4	1.38	2.20	0.26	15.39	15.45	12.82	0.57	4.80	9.88	19.75	8.17
Average		1.46	2.07	0.26	14.82	13.34	13.50	0.64	4.07	10.07	20.80	8.55
St. Dev.		0.20	0.23	0.08	2.66	2.26	0.96	0.09	0.75	0.84	1.42	0.72
%RSD		17	20	7	14	14	7	15	28	8	8	6
Min		1.38	2.20	0.26	14.63	12.33	12.82	0.57	4.80	9.88	19.75	8.17
Max		1.54	1.86	0.18	15.39	15.45	14.18	0.71	3.31	10.48	22.85	8.93
n		2	2	2	2	2	2	2	2	2	2	2
Average		1.36	2.09	0.26	15.39	13.96	11.26	0.93	3.62	8.49	17.26	7.24
St. Dev.		0.05	0.51	0.07	2.66	1.79	2.66	0.15	1.26	1.62	3.46	1.23
%RSD		28	20	23	13	14	24	20	37	19	21	22
Min		0.05	1.19	0.26	14.87	11.87	8.86	0.36	2.24	7.26	14.36	5.73
Max		1.54	1.86	0.18	15.39	15.45	14.18	0.71	3.31	10.48	22.85	8.93
n		4	4	4	4	4	4	4	4	4	4	4
4/3/93-A,1-A	5	0.93	1.28	0.37	9.47	9.91	7.53	0.43	2.76	5.13	12.41	4.79
4/3/93-A,1-B	5	1.01	2.06	0.38	17.30	14.96	11.61	0.37	3.68	7.76	17.89	6.94
Average		0.98	1.67	0.38	13.40	12.19	9.57	0.40	3.22	6.44	15.15	5.87
St. Dev.		0.06	0.56	0.01	5.89	3.72	2.89	0.17	0.56	1.85	3.67	1.54
%RSD		6	34	2	43	26	30	35	18	29	24	26
Min		0.93	1.28	0.37	9.47	9.91	7.53	0.37	2.24	5.13	12.41	4.79
Max		1.01	2.06	0.38	17.30	14.96	11.61	0.43	3.68	7.76	17.89	6.94
n		2	2	2	2	2	2	2	2	2	2	2
4/1/93-A,2-A	5	1.31	2.53	0.44	20.79	17.46	13.86	0.75	4.92	10.63	21.53	8.20
4/1/93-A,2-B	5	0.89	1.44	0.30	12.87	13.41	10.46	0.33	2.82	8.36	17.77	6.66
Average		1.10	1.98	0.37	16.83	15.46	12.16	0.46	3.87	9.49	19.65	7.43
St. Dev.		0.43	0.77	0.07	5.89	2.86	2.41	0.14	1.39	1.58	2.66	1.10
%RSD		40	39	19	35	19	20	32	36	17	14	15
Min		0.89	1.44	0.30	12.87	13.41	10.46	0.33	2.82	8.36	17.77	6.66
Max		1.31	2.53	0.44	20.79	17.46	13.86	0.75	4.92	10.63	21.53	8.20
n		2	2	2	2	2	2	2	2	2	2	2
Average		0.99	1.60	0.33	14.13	13.82	10.26	0.37	3.39	7.97	17.40	6.48
St. Dev.		0.34	0.59	0.04	4.98	3.13	2.63	0.16	0.99	2.24	3.75	1.41
%RSD		35	37	11	35	23	26	39	29	28	22	22
Min		0.56	1.23	0.30	9.47	9.91	7.53	0.37	2.24	5.13	13.42	4.79
Max		1.31	2.53	0.44	20.79	17.46	13.86	0.75	4.92	10.63	21.53	8.20
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

BRH PE03	[illegible]	CB077, ng	CB154, ng	CB118, ng	CB123, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng	CB187, ng	CB128, ng	CB206, ng
3/??/92-0,0	0	0.12	0.17	0.00	0.06	0.00	0.06	0.00	0.02	0.09	0.00	0.00
4/1/92-0,0	0	0.09	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00
4/2/92-0,0	0	0.00	0.28	0.43	0.08	0.12	0.07	0.30	0.08	0.00	0.00	0.00
4/3/92-0,0	0	0.51	0.42	0.37	0.10	0.29	0.06	0.01	0.00	0.01	0.00	0.00
Average		0.15	0.16	0.31	0.06	0.07	0.03	0.00	0.04	0.00	0.06	0.00
St. Dev.		0.24	0.12	0.25	0.05	0.10	0.04	0.01	0.05	0.30	0.00	0.00
%RSD		159	72	79	83	152	118	265	119	200	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.51	0.32	0.57	0.10	0.26	0.07	0.01	0.05	0.51	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	10.17	5.29	6.88	1.08	5.11	4.38	7.21	0.50	1.14	1.22	0.00
3/30/92-2,1-B	2	9.46	4.87	11.60	1.35	5.74	4.16	7.79	0.70	1.36	1.14	0.00
Average		9.81	5.08	9.29	1.21	5.43	4.27	7.50	0.60	1.25	1.18	0.00
St. Dev.		0.50	0.30	3.40	0.19	0.45	0.16	0.41	0.14	0.12	0.06	0.00
%RSD		5	6	37	16	8	4	5	24	9	5	#DIV/0!
Min		9.46	4.87	6.88	1.08	5.11	4.16	7.21	0.50	1.14	1.14	0.00
Max		10.17	5.29	11.60	1.35	5.74	4.38	7.79	0.70	1.36	1.22	0.00
n		2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	8.93	4.44	11.00	1.20	5.46	3.82	7.31	0.55	1.24	1.01	0.00
3/30/92-2,2-B	2	10.21	5.06	11.95	1.26	5.80	4.70	7.79	0.64	1.32	1.28	0.00
Average		9.57	4.75	11.48	1.23	5.63	4.26	7.55	0.60	1.28	1.15	0.00
St. Dev.		0.90	0.44	0.67	0.04	0.24	0.62	0.34	0.06	0.06	0.19	0.00
%RSD		9	9	6	3	4	15	4	10	5	17	#DIV/0!
Min		8.93	4.44	11.00	1.20	5.46	3.82	7.31	0.55	1.26	1.01	0.00
Max		10.21	5.06	11.95	1.26	5.80	4.70	7.79	0.64	1.32	1.28	0.00
n		2	2	2	2	2	2	2	2	2	2	2
Average		9.69	4.92	10.25	1.27	5.53	4.26	7.53	0.60	1.26	1.17	0.00
St. Dev.		0.61	0.34	2.37	0.20	0.28	0.37	0.31	0.09	0.09	0.12	0.00
%RSD		6	7	23	16	5	9	4	15	7	10	#DIV/0!
Min		8.93	4.44	6.88	1.08	5.11	3.82	7.21	0.50	1.14	1.01	0.00
Max		10.21	5.29	11.95	1.35	5.80	4.70	7.79	0.70	1.36	1.28	0.00
n		4	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	0.57	5.58	12.84	1.34	6.16	3.06	8.25	0.57	1.47	1.40	0.00
4/1/92-3,1-B	3	0.34	3.24	7.94	1.01	3.74	2.00	7.63	0.54	1.00	0.75	0.00
Average		0.46	4.41	10.39	1.17	4.95	2.53	7.94	0.56	1.24	1.08	0.00
St. Dev.		0.17	1.65	3.46	0.23	1.71	0.75	0.44	0.02	0.34	0.46	0.00
%RSD		37	37	33	20	35	29	6	4	27	43	#DIV/0!
Min		0.34	3.24	7.94	1.01	3.74	2.00	7.63	0.54	1.00	0.75	0.00
Max		0.57	5.58	12.84	1.34	6.16	3.06	8.25	0.57	1.47	1.40	0.00
n		2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	0.74	7.06	13.57	1.30	6.30	4.93	8.08	0.54	0.90	1.46	0.11
4/1/92-3,2-B	3	0.36	4.58	12.61	1.39	5.65	4.17	7.47	0.52	1.39	1.08	0.00
Average		0.55	5.82	13.09	1.34	5.98	4.55	7.78	0.53	0.65	1.27	0.06
St. Dev.		0.27	1.75	0.30	0.07	0.37	0.54	0.43	0.02	0.44	0.27	0.08
%RSD		49	30	3	5	6	12	6	3	144	21	141
Min		0.36	4.58	12.61	1.30	5.65	4.17	7.47	0.52	0.90	1.08	0.00
Max		0.74	7.06	13.57	1.39	6.30	4.93	8.08	0.54	1.39	1.46	0.11
n		2	2	2	2	2	2	2	2	2	2	2
Average		0.51	5.12	11.74	1.26	5.46	4.27	7.86	0.54	0.94	1.17	0.03
St. Dev.		0.19	1.58	2.50	0.17	1.18	1.08	0.36	0.02	0.46	0.30	0.06
%RSD		38	31	20	13	22	25	5	4	70	26	200
Min		0.34	3.24	7.94	1.01	3.74	2.00	7.47	0.52	0.00	0.75	0.00
Max		0.74	7.06	12.84	1.39	6.30	5.06	8.25	0.57	1.47	1.46	0.11
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	1.16	10.38	22.41	2.11	10.93	9.76	15.88	1.06	2.70	2.64	0.30
4/2/92-4,1-B	4	1.06	8.71	22.30	2.28	11.20	7.80	14.27	1.01	3.13	2.10	0.20
Average		1.11	9.55	22.36	2.20	11.07	8.78	15.07	1.04	2.91	2.37	0.25
St. Dev.		0.07	1.14	0.08	0.05	0.19	1.38	1.14	0.03	0.30	0.38	0.07
%RSD		7	12	0	2	2	16	8	3	11	16	13
Min		1.06	8.71	22.30	2.11	10.93	7.80	14.27	1.01	2.70	2.10	0.20
Max		1.16	10.38	22.41	2.28	11.20	9.76	15.88	1.06	3.13	2.64	0.30
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	2.50	14.88	29.91	2.85	14.65	13.21	18.63	1.53	3.75	3.56	0.68
4/2/92-4,2-B	4	28.05	13.74	28.46	2.94	14.90	12.66	2.20	1.47	3.83	3.50	0.75
Average		15.16	14.31	29.18	2.90	14.77	12.94	10.92	1.50	3.79	3.53	0.71
St. Dev.		18.13	0.81	0.10	0.06	0.17	0.40	12.12	0.04	0.06	0.05	0.07
%RSD		120	6	1	2	1	3	111	3	1	1	10
Min		2.50	13.74	28.46	2.85	14.65	12.66	2.20	1.47	3.75	3.50	0.68
Max		28.05	14.88	29.91	2.94	14.90	13.21	18.63	1.53	3.83	3.56	0.75
n		2	2	2	2	2	2	2	2	2	2	2
Average		8.13	11.93	25.77	2.55	12.92	10.86	12.99	1.27	3.35	2.95	0.48
St. Dev.		13.27	2.83	4.29	0.40	2.10	2.54	7.54	0.26	0.54	0.71	0.26
%RSD		163	24	16	15	17	24	58	20	16	24	55
Min		1.06	8.71	22.30	2.11	10.93	7.80	2.20	1.01	2.70	2.10	0.20
Max		28.05	14.88	29.91	2.94	14.90	13.21	18.63	1.53	3.83	3.56	0.75
n		4	4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	1.01	7.51	18.07	1.91	9.25	6.74	11.77	0.93	2.32	1.91	0.19
4/3/92-5,1-B	5	1.32	10.60	26.40	2.66	13.39	10.40	17.88	1.31	3.40	2.58	0.67
Average		1.17	9.06	22.24	2.29	11.32	8.57	14.83	1.12	2.86	2.25	0.43
St. Dev.		0.22	2.19	5.89	0.53	2.93	2.59	4.32	0.27	0.77	0.47	0.34
%RSD		19	24	27	23	26	30	29	24	27	21	79
Min		1.01	7.51	18.07	1.91	9.25	6.74	11.77	0.93	2.32	1.91	0.19
Max		1.32	10.60	26.40	2.66	13.39	10.40	17.88	1.31	3.40	2.58	0.67
n		2	2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	1.72	12.78	31.33	3.10	15.48	11.40	20.51	1.33	3.94	3.06	0.75
4/3/92-5,2-B	5	1.11	9.99	27.34	2.87	14.20	9.54	18.32	1.40	3.53	2.58	0.71
Average		1.42	11.38	29.34	2.99	14.84	10.47	19.42	1.37	3.74	2.82	0.73
St. Dev.		0.43	1.97	2.82	0.16	1.00	1.32	1.55	0.05	0.29	0.34	0.03
%RSD		31	17	10	5	7	14	8	4	8	12	4
Min		1.11	9.99	27.34	2.87	14.20	9.54	18.32	1.33	3.53	2.58	0.71
Max		1.72	12.78	31.33	3.10	15.48	11.40	20.51	1.40	3.94	3.06	0.75
n		2	2	2	2	2	2	2	2	2	2	2
Average		1.29	10.22	25.81	2.64	13.13	9.52	17.12	1.24	3.30	2.54	0.58
St. Dev.		0.32	2.17	5.60	0.52	2.76	2.06	3.71	0.21	0.69	0.48	0.26
%RSD		24	21	22	20	21	22	22	17	21	19	45
Min		1.01	7.51	18.07	1.91	9.25	6.74	11.77	0.93	2.32	1.91	0.19
Max		1.72	12.78	31.33	3.10	15.48	11.40	20.51	1.40	3.94	3.06	0.75
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

ERH PRB3	Dye volume (*)	CB188, ng	CB170, ng	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	Σ PCB, ng	BCB, ng	BzBPT, ng	ALDRIN, ng	OPTIONS, ng
3/30/93-0.0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.05	0.00
4/1/93-0.0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
4/2/93-0.0	0	0.04	0.00	0.00	0.00	0.00	1.36	[illegible]	0.11	0.00	0.00	0.04
4/3/93-2.5	0	0.11	0.00	0.00	0.00	0.00	2.33	[illegible]	1.00	0.00	0.17	1.00
Average		0.04	0.00	0.00	0.00	0.00	1.14	[illegible]	0.37	0.00	0.00	0.35
St. Dev.		0.06	0.00	0.00	0.00	0.00	0.97	[illegible]	0.00	0.00	0.10	0.52
% RSD		143	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100	77	[illegible]	100	#DIV/0!	150
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.25	[illegible]	0.00	0.00	0.00
Max		0.11	0.00	0.00	0.00	0.00	2.33	[illegible]	1.00	0.00	0.17	1.00
n		4.00	4.00	4.00	4.00	4.00	4.00	0.00	4.00	4.00	4.00	4.00
3/30/93-2.1-A	2	2.01	1.01	0.00	0.00	0.11	77.00	[illegible]	0.00	0.00	0.00	1.00
3/30/93-2.1-B	2	2.10	0.75	0.17	0.00	0.10	00.00	[illegible]	0.00	0.00	0.00	1.41
Average		2.06	0.00	0.13	0.00	0.00	83.34	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.07	0.00	0.00	0.00	0.00	0.11	[illegible]	0.00	0.00	0.00	0.00
% RSD		3	22	00	#DIV/0!	11	10	[illegible]	0	#DIV/0!	#DIV/0!	20
Min		2.01	0.75	0.00	0.00	0.10	77.00	[illegible]	0.00	0.00	0.00	1.41
Max		2.10	1.00	0.17	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
n		2	2	2	2	2	2	0	2	2	2	2
3/30/93-2.2-A	2	2.00	0.72	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
3/30/93-2.2-B	2	2.10	0.77	0.00	0.00	0.00	07.14	[illegible]	0.00	0.00	0.00	1.00
Average		2.10	0.75	0.00	0.00	0.00	03.00	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		5	5	00	00	00	6	[illegible]	7	#DIV/0!	#DIV/0!	1
Min		2.00	0.72	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
Max		2.10	0.77	0.00	0.00	0.00	07.14	[illegible]	0.00	0.00	0.00	1.00
n		2	2	2	2	2	2	0	2	2	2	2
Average		2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		4	17	77	200	00	7	[illegible]	6	#DIV/0!	#DIV/0!	00
Min		2.00	0.75	0.00	0.00	0.00	77.00	[illegible]	0.00	0.00	0.00	1.00
Max		2.10	1.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
n		4	4	4	4	4	4	0	4	4	4	4
4/1/93-3.1-A	3	2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
4/1/93-3.1-B	3	1.00	1.00	1.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	0.00
Average		2.00	1.00	1.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.00	0.00	1.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		27	00	00	100	00	00	[illegible]	00	#DIV/0!	#DIV/0!	00
Min		1.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	0.00
Max		2.00	1.00	1.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
n		2	2	2	2	2	2	0	2	2	2	2
4/1/93-3.2-A	3	2.00	1.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	2.00
4/1/93-3.2-B	3	2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
Average		2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		14	00	00	#DIV/0!	00	0	[illegible]	0	#DIV/0!	#DIV/0!	00
Min		2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
Max		2.00	1.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	2.00
n		2	2	2	2	2	2	0	2	2	2	2
Average		2.00	1.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		00	00	00	00	00	00	[illegible]	00	00	00	00
Min		2.00	0.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	1.00
Max		2.00	1.00	0.00	0.00	0.00	00.00	[illegible]	0.00	0.00	0.00	2.00
n		4	4	4	4	4	4	0	4	4	4	4
4/2/93-4.1-A	4	4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
4/2/93-4.1-B	4	4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Average		4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		0	0	0	00	00	0	[illegible]	0	#DIV/0!	#DIV/0!	00
Min		4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Max		4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
n		2	2	2	2	2	2	0	2	2	2	2
4/2/93-4.2-A	4	3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
4/2/93-4.2-B	4	4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Average		4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		0	0	0	00	0	0	[illegible]	0	#DIV/0!	#DIV/0!	#DIV/0!
Min		4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Max		4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
n		2	2	2	2	2	2	0	2	2	2	2
4/3/93-5.1-A	5	3.00	1.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	2.00
4/3/93-5.1-B	5	4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Average		4.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		00	00	00	00	00	0	[illegible]	00	#DIV/0!	#DIV/0!	00
Min		4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Max		4.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
n		4	4	4	4	4	4	0	4	4	4	4
4/3/93-5.2-A	5	3.00	2.00	1.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
4/3/93-5.2-B	5	3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Average		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		0	0	0	0	0	0	[illegible]	0	#DIV/0!	#DIV/0!	00
Min		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Max		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
n		2	2	2	2	2	2	0	2	2	2	2
Average		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	0.00	0.00	0.00
% RSD		00	00	00	00	00	00	[illegible]	00	#DIV/0!	#DIV/0!	00
Min		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
Max		3.00	2.00	0.00	0.00	0.00	000.00	[illegible]	0.00	0.00	0.00	3.00
n		4	4	4	4	4	4	0	4	4	4	4

ND = Not Detectable

Appendix 3: BRH FBS 3

BRH FBS3	Dynamics *2	DIELDRIN, ng	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DMN, ng
3/30/92-0,0	0	NA	0.12	0.12	0.11	0.00	0.00	12.91	0.00	0.02	0.00	0.00
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.06	5.34	0.00	0.00	0.00	0.00
4/2/92-0,0	0	0.01	0.22	0.12	0.05	0.00	0.00	1.85	0.00	0.00	0.00	0.00
4/3/92-0,0	0	0.38	0.00	0.17	0.48	0.00	0.00	2.70	0.00	0.00	0.00	0.00
Average		0.16	0.08	0.10	0.16	0.00	0.02	5.68	0.00	0.00	0.00	0.00
St. Dev.		0.20	0.10	0.07	0.22	0.00	0.03	5.03	0.00	0.00	0.00	0.00
% RSD		126	118	71	136	#DIV/0!	200	89	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.01	0.00	0.00	0.00	0.00	0.00	1.85	0.00	0.00	0.00	0.00
Max		0.38	0.22	0.17	0.48	0.00	0.06	12.91	0.00	0.00	0.00	0.00
n		3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	5.24	4.14	3.25	0.23	0.52	0.14	94.76	44.48	28.70	38.85	41.96
3/30/92-2,1-B	2	5.19	3.66	3.02	0.70	0.63	0.10	0.00	0.00	0.00	1.92	11.43
Average		5.22	3.90	3.13	0.47	0.58	0.12	47.38	22.24	14.35	20.37	26.69
St. Dev.		0.04	0.34	0.16	0.33	0.08	0.03	67.00	31.45	20.29	26.12	21.58
% RSD		1	9	5	72	14	27	141	141	141	128	80
Min		5.19	3.66	3.02	0.23	0.52	0.10	0.00	0.00	0.00	1.92	11.43
Max		5.24	4.14	3.25	0.70	0.63	0.14	94.76	44.48	28.70	38.85	41.96
n		2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	NA	3.40	2.94	0.75	0.23	0.23	77.83	52.58	34.59	41.92	64.22
3/30/92-2,2-B	3	NA	3.70	3.35	0.56	0.70	0.20	74.51	11.34	2.74	7.85	11.21
Average		#DIV/0!	3.55	3.14	0.66	0.46	0.21	76.17	31.96	18.67	24.89	37.72
St. Dev.		#DIV/0!	0.21	0.29	0.14	0.33	0.02	2.35	29.16	22.52	24.09	37.48
% RSD		#DIV/0!	6	9	21	71	10	3	91	121	97	99
Min		0.00	3.40	2.94	0.56	0.23	0.20	74.51	11.34	2.74	7.85	11.21
Max		0.00	3.70	3.35	0.75	0.70	0.23	77.83	52.58	34.59	41.92	64.22
n		0	2	2	2	2	2	2	2	2	2	2
Average		5.22	3.72	3.14	0.56	0.52	0.17	61.77	27.18	16.51	22.63	32.21
St. Dev.		0.04	0.26	0.19	0.23	0.21	0.06	42.13	24.46	17.70	20.94	25.72
% RSD		1	6	6	41	40	35	68	94	107	93	80
Min		5.19	3.40	2.94	0.23	0.23	0.10	0.00	0.00	0.00	1.92	11.21
Max		5.24	4.14	3.35	0.75	0.70	0.23	94.76	52.58	34.59	41.92	64.22
n		2	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	5.88	0.00	3.47	0.00	0.00	0.16	44.08	36.53	1.08	35.00	51.74
4/1/92-3,1-B	3	3.71	0.00	2.01	0.00	0.00	4.08	55.42	43.94	0.00	4.40	34.43
Average		4.79	0.00	2.74	0.00	0.00	2.12	49.75	40.24	0.54	19.70	43.09
St. Dev.		1.54	0.00	1.03	0.00	0.00	2.77	8.02	5.23	0.72	21.63	12.24
% RSD		32	#DIV/0!	37	#DIV/0!	#DIV/0!	131	16	13	141	110	28
Min		3.71	0.00	2.01	0.00	0.00	0.16	44.08	36.53	0.00	4.40	34.43
Max		5.88	0.00	3.47	0.00	0.00	4.08	55.42	43.94	1.08	35.00	51.74
n		2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	5.86	4.54	4.38	1.31	0.69	0.16	170.52	53.53	46.75	37.15	27.84
4/1/92-3,2-B	3	4.73	3.33	2.85	1.06	0.75	0.24	48.40	17.57	9.73	11.07	23.59
Average		5.30	3.94	3.61	1.19	0.72	0.20	109.76	35.45	28.24	24.11	25.72
St. Dev.		0.66	0.85	1.08	0.17	0.04	0.05	86.36	25.71	26.18	17.57	3.01
% RSD		12	22	30	15	6	28	79	71	93	73	12
Min		4.73	3.33	2.85	1.06	0.69	0.16	48.40	17.57	9.73	11.07	23.59
Max		5.86	4.54	4.38	1.31	0.75	0.24	170.52	53.53	46.75	37.15	27.84
n		2	2	2	2	2	2	2	2	2	2	2
Average		5.04	1.97	3.18	0.59	0.36	1.16	79.75	37.84	14.37	21.91	34.40
St. Dev.		1.00	2.30	1.00	0.69	0.42	1.93	60.80	14.89	22.03	16.41	12.30
% RSD		20	118	31	117	116	166	76	40	153	74	36
Min		3.71	0.00	2.01	0.00	0.00	0.16	44.08	17.57	0.00	4.40	23.59
Max		5.88	4.54	4.38	1.31	0.75	4.08	170.52	53.53	46.75	37.15	51.74
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	10.68	7.75	6.42	1.88	1.06	0.57	130.45	86.04	48.77	25.48	69.06
4/2/92-4,1-B	4	9.66	6.13	5.41	1.89	1.38	0.26	131.44	151.87	80.66	70.28	6.66
Average		10.17	6.94	5.91	1.88	1.22	0.41	130.95	118.96	64.72	47.88	37.86
St. Dev.		0.72	1.14	0.71	0.00	0.22	0.22	0.71	46.46	22.56	31.53	44.12
% RSD		7	16	12	1	17	54	1	39	35	66	117
Min		9.66	6.13	5.41	1.88	1.06	0.26	130.45	86.04	48.77	25.48	6.66
Max		10.68	7.75	6.42	1.89	1.38	0.57	131.44	151.87	80.66	70.28	69.06
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	15.38	4.44	9.24	2.41	1.32	0.34	71.73	28.86	20.50	15.40	31.75
4/2/92-4,2-B	4	14.18	2.16	8.33	1.06	1.29	0.43	29.48	24.76	8.19	11.86	26.77
Average		14.78	3.30	8.89	1.73	1.31	0.39	50.70	26.60	14.08	13.68	29.33
St. Dev.		0.85	1.61	0.90	0.96	0.02	0.06	29.76	3.00	8.36	2.46	3.52
% RSD		6	49	6	56	1	15	59	11	59	18	12
Min		14.18	2.14	8.53	1.06	1.29	0.34	29.48	24.76	8.18	11.96	26.77
Max		15.38	4.44	9.24	2.41	1.32	0.43	71.73	28.86	20.50	15.40	31.75
n		2	2	2	2	2	2	2	2	2	2	2
Average		12.48	5.12	7.40	1.80	1.26	0.40	90.28	72.38	39.40	30.88	33.66
St. Dev.		2.74	2.40	1.79	0.56	0.14	0.13	48.42	59.40	32.36	26.07	26.00
% RSD		22	47	24	31	11	33	54	82	82	87	78
Min		9.66	2.14	5.41	1.06	1.04	0.26	29.48	24.76	8.18	11.96	6.66
Max		15.38	7.75	9.24	2.41	1.38	0.57	131.44	151.87	80.66	70.28	69.06
n		4	4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	1.61	2.38	4.46	1.34	0.33	0.20	72.59	46.01	20.03	18.07	40.41
4/3/92-5,1-B	5	11.67	4.38	6.38	1.80	0.46	0.58	127.48	66.04	30.47	34.66	61.67
Average		6.64	3.36	5.42	1.57	0.40	0.39	100.30	56.47	34.35	26.37	51.04
St. Dev.		7.15	1.44	1.36	0.46	0.08	0.27	38.81	14.30	7.38	11.73	8.07
% RSD		107	43	24	29	8	70	39	26	22	44	16
Min		1.61	2.38	4.46	1.34	0.40	0.20	72.59	46.01	20.00	18.07	40.41
Max		11.68	4.35	6.38	1.80	0.46	0.58	127.48	66.04	30.47	34.66	61.67
n		2	2	2	2	3	2	2	2	2	2	2
4/3/92-5,2-A	5	1.34	5.28	7.93	2.38	1.40	0.31	44.88	24.10	7.97	8.21	18.44
4/3/92-5,2-B	5	1.09	7.03	6.20	2.13	1.58	0.25	144.18	66.41	30.77	33.01	67.79
Average		1.21	6.18	7.07	2.26	1.49	0.28	94.53	45.26	23.37	20.61	43.11
St. Dev.		0.18	1.28	1.22	0.17	0.12	0.04	70.21	29.88	21.78	17.84	34.90
% RSD		15	21	17	8	8	14	74	66	99	86	81
Min		1.09	5.28	6.20	2.13	1.40	0.25	44.88	24.10	7.97	8.21	18.44
Max		1.34	7.03	7.93	2.38	1.58	0.31	144.18	66.41	30.77	33.01	67.79
n		2	2	2	2	2	2	2	2	2	2	2
Average		3.93	4.77	6.25	1.91	1.00	0.33	97.38	50.37	20.85	23.49	47.33
St. Dev.		5.17	1.97	1.36	0.40	0.57	0.17	46.46	17.62	14.89	12.63	21.96
% RSD		132	41	21	26	57	51	48	40	71	54	46
Min		1.09	2.38	4.46	1.34	0.40	0.20	44.06	24.10	7.97	8.21	18.44
Max		11.68	7.03	7.93	2.38	1.58	0.58	144.18	66.41	30.47	34.66	67.79
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: BRM FAS 3

BRE PERD	Dynasties*2	ACL, ng	ACT, ng	TMX, ng	FLU, ng	PHE, ng	ANT, ng	IMP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng
3/30/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	2.08	0.00	0.00	0.00	0.00
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.73	3.70	0.00	0.00	1.98	3.29
4/2/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.23	0.00	5.75	4.27	1.37	0.67	2.66	2.46
4/3/92-0,0	0	0.00	0.00	0.00	0.00	1.70	0.00	0.00	9.73	10.36	0.00	5.86	0.00	14.17
Average		0.00	0.00	0.00	0.00	0.43	0.06	0.00	5.39	5.23	0.34	1.63	1.16	4.98
St. Dev.		0.00	0.00	0.00	0.00	0.85	0.12	0.00	3.21	3.86	0.69	2.83	1.37	6.28
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	200	200	#DIV/0!	60	74	200	174	118	126
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	2.08	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	1.70	0.23	0.00	9.73	10.36	1.37	5.86	2.66	14.17
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	28.32	8.19	30.64	8.80	75.90	22.40	17.79	232.91	242.28	72.44	125.45	84.64	71.77
3/30/92-2,1-B	2	0.00	0.00	1.61	18.61	159.68	27.06	33.93	265.31	261.61	86.21	166.18	164.12	193.15
Average		14.16	4.10	16.13	13.71	117.79	24.73	25.86	249.11	251.94	79.32	145.82	124.38	132.46
St. Dev.		20.03	5.79	20.53	6.93	59.24	3.30	11.42	22.91	13.67	9.74	28.80	56.20	85.83
%RSD		141	141	127	51	50	13	44	9	5	12	20	44	66
Min		0.00	0.00	1.61	8.80	75.90	22.40	17.79	232.91	242.28	72.44	125.45	84.64	71.77
Max		28.32	8.19	30.64	18.61	159.68	27.06	33.93	265.31	261.61	86.21	166.18	164.12	193.15
n		2	2	2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	0.06	0.00	3.19	16.57	116.20	34.22	26.98	226.61	218.90	75.43	137.02	176.92	196.92
3/30/92-2,2-B	2	0.03	0.00	0.83	13.36	90.42	21.79	25.92	210.40	209.66	67.45	145.24	150.07	80.13
Average		0.05	0.00	2.01	14.96	103.31	28.01	26.45	218.51	214.28	71.44	141.13	163.50	138.53
St. Dev.		0.02	0.00	1.67	2.27	18.23	8.79	0.75	11.46	6.54	5.64	5.82	18.93	82.58
%RSD		46	#DIV/0!	83	15	18	31	3	5	3	8	4	12	60
Min		0.03	0.00	0.83	13.36	90.42	21.79	25.92	210.40	209.66	67.45	137.02	150.07	80.13
Max		0.06	0.00	3.19	16.57	116.20	34.22	26.98	226.61	218.90	75.43	145.24	176.92	196.92
n		2	2	2	2	2	2	2	2	2	2	2	2	2
Average		7.11	2.05	9.07	14.33	110.55	26.44	26.15	233.83	233.11	75.38	143.48	144.44	137.49
St. Dev.		14.14	4.10	14.48	4.27	36.75	5.66	6.62	23.01	23.64	5.76	17.18	40.94	71.15
%RSD		199	200	160	30	33	21	25	10	10	7	12	28	52
Min		0.00	0.00	0.83	8.80	75.90	21.79	17.79	210.40	209.66	67.45	125.45	84.64	71.77
Max		28.32	8.19	30.64	18.61	159.68	34.22	33.93	265.31	261.61	86.21	166.18	176.92	193.15
n		4	4	4	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	10.90	10.83	124.49	6.12	91.64	23.04	32.81	208.71	211.86	75.72	140.27	93.89	56.07
4/1/92-3,1-B	3	19.14	1.62	52.64	3.03	82.14	23.39	28.89	234.24	232.21	84.85	154.14	101.83	87.01
Average		15.02	6.23	88.56	4.57	86.89	23.21	30.85	221.48	222.04	80.29	147.20	97.86	71.54
St. Dev.		5.83	6.51	50.80	2.18	6.72	0.24	2.77	18.06	14.39	6.51	9.80	4.96	21.88
%RSD		39	105	57	48	8	1	9	8	6	8	7	5	31
Min		10.90	1.62	52.64	3.03	82.14	23.04	28.89	208.71	211.86	75.72	140.27	93.89	56.07
Max		19.14	10.83	124.49	6.12	91.64	23.39	32.81	234.24	232.21	84.85	154.14	101.83	87.01
n		2	2	2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	29.81	0.00	16.96	8.92	82.60	31.85	24.37	240.35	235.09	77.53	131.45	86.76	71.92
4/1/92-3,2-B	3	7.78	0.00	0.00	11.66	83.37	24.16	39.96	247.19	267.61	75.15	156.55	231.27	239.86
Average		18.79	0.00	8.48	10.29	82.98	28.01	32.16	243.77	251.35	76.34	144.00	159.02	155.89
St. Dev.		15.57	0.00	11.99	1.94	0.54	5.44	11.02	4.84	22.56	1.68	17.74	102.18	118.75
%RSD		83	#DIV/0!	141	19	1	19	34	2	9	2	12	64	76
Min		7.78	0.00	0.00	8.92	82.60	24.16	24.37	240.35	235.09	75.15	131.45	86.76	71.92
Max		29.81	0.00	16.96	11.66	83.37	31.85	39.96	247.19	267.61	77.53	156.55	231.27	239.86
n		2	2	2	2	2	2	2	2	2	2	2	2	2
Average		16.91	3.11	48.52	7.43	84.94	25.61	31.51	232.62	236.69	78.31	145.60	128.19	113.72
St. Dev.		9.04	5.20	55.32	3.70	4.30	4.19	6.61	16.80	23.06	4.81	11.08	68.06	85.64
%RSD		53	167	114	50	5	16	21	7	10	6	8	54	75
Min		7.78	0.00	0.00	3.03	82.14	23.04	24.37	208.71	211.86	75.15	131.45	86.76	56.07
Max		29.81	10.83	124.49	11.66	91.64	31.85	39.96	247.19	267.61	84.85	156.55	231.27	239.86
n		4	4	4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	58.87	26.57	67.78	30.55	228.03	68.40	52.11	501.29	504.10	202.11	319.33	254.17	173.97
4/2/92-4,1-B	4	134.65	47.87	157.06	26.60	215.77	65.00	63.46	180.25	185.40	56.06	84.11	0.00	314.94
Average		96.76	37.22	112.42	28.58	221.90	66.70	57.79	340.77	344.75	129.08	201.72	127.08	244.46
St. Dev.		53.58	15.06	63.13	2.79	8.67	2.40	8.02	226.73	225.38	103.27	166.35	179.72	99.68
%RSD		55	40	56	10	4	4	14	66	65	80	82	141	41
Min		58.87	26.57	67.78	26.60	215.77	65.00	52.11	180.25	185.40	56.06	84.11	0.00	173.97
Max		134.65	47.87	157.06	30.55	228.03	68.40	63.46	501.29	504.10	202.11	319.33	254.17	314.94
n		2	2	2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	49.74	4.15	35.87	43.52	318.03	121.21	77.62	667.84	666.44	238.72	395.26	242.69	203.14
4/2/92-4,2-B	4	39.40	2.32	32.11	39.30	295.63	114.24	74.92	740.66	720.63	264.99	434.19	303.19	225.37
Average		44.57	3.24	33.99	41.41	306.83	117.73	76.27	704.25	693.53	251.86	414.73	272.94	214.26
St. Dev.		7.31	1.29	2.66	2.98	15.84	4.93	1.91	51.49	38.32	18.58	27.52	42.78	15.72
%RSD		16	40	8	7	5	4	3	7	6	7	7	16	7
Min		39.40	2.32	32.11	39.30	295.63	114.24	74.92	667.84	666.44	238.72	395.26	242.69	203.14
Max		49.74	4.15	35.87	43.52	318.03	121.21	77.62	740.66	720.63	264.99	434.19	303.19	225.37
n		2	2	2	2	2	2	2	2	2	2	2	2	2
Average		70.66	20.23	73.20	35.00	264.36	92.26	67.03	522.51	519.16	190.47	308.22	200.01	229.36
St. Dev.		43.28	21.47	58.15	7.78	50.13	29.86	11.49	245.09	240.72	93.22	152.53	136.90	64.81
%RSD		61	106	79	22	19	32	17	47	46	49	50	68	27
Min		39.40	2.32	32.11	26.60	215.77	65.00	52.11	180.25	185.40	56.06	84.11	0.00	173.97
Max		134.65	47.87	157.06	43.52	318.03	121.21	77.62	740.66	720.63	264.99	434.19	303.19	314.94
n		4	4	4	4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	56.51	2.77	27.96	17.60	136.35	45.35	39.14	285.96	299.68	124.15	188.21	164.18	85.24
4/3/92-5,1-B	5	83.86	19.17	61.78	24.03	279.01	86.73	66.09	518.15	521.71	231.64	338.51	0.00	563.22
Average		70.19	10.97	44.87	20.82	207.68	66.04	52.61	402.06	410.70	177.90	263.36	82.09	324.23
St. Dev.		19.34	11.60	23.92	4.54	100.88	29.26	19.06	164.18	157.00	76.00	106.28	116.09	337.27
%RSD		28	106	53	22	49	44	36	41	38	43	40	141	104
Min		56.51	2.77	27.96	17.60	136.35	45.35	39.14	285.96	299.68	124.15	188.21	0.00	85.24
Max		83.86	19.17	61.78	24.03	279.01	86.73	66.09	518.15	521.71	231.64	338.51	164.18	563.22
n		2	2	2	2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	43.58	0.00	0.06	28.23	248.54	98.17	42.96	591.80	583.25	213.46	344.57	224.12	124.07
4/3/92-5,2-B	5	89.82	34.38	68.18	37.96	270.81	80.54	69.48	454.17	468.52	218.97	334.66	321.30	550.56
Average		66.70	17.19	34.12	33.10	259.68	89.36	56.22	522.99	525.89	216.22	339.61	272.71	337.32
St. Dev.		32.70	24.31	48.17	6.88	15.74	12.47	18.76	96.97	81.13	3.90	7.02	68.72	301.58
%RSD		49	141	141	21	6	14	33	19	15	2	2	25	89
Min		43.58	0.00	0.06	28.23	248.54	80.54	42.96	454.17	468.52	213.46	334.66	224.12	124.07
Max		89.82	34.38	68.18	37.96	270.81	98.17	69.48	591.80	583.25	218.97	344.57	321.30	550.56
n		2	2	2	2	2	2	2	2	2	2	2	2	2
Average		68.44	14.08	39.49	26.96	233.68	77.70	54.42	462.04	468.29	197.06	301.49	177.40	330.82
St. Dev.		22.03	15.96	31.60	8.54	66.11	22.77	15.98	129.82	121.79	40.36	75.63	134.83	261.33
%RSD		32	113	80	32	28	29	29	28	26	20	25	76	79
Min		43.58	0.00	0.06	17.60	136.35	45.35	39.14	285.96	299.68	124.15	188.21	0.00	85.24
Max		89.82	34.38	68.18	37.96	279.01	98.17	69.48	591.80	583.25	231.64	344.57	321.30	563.22
n		4	4	4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: BRH PES 3

BRH PES3	Dynes/cm^2	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng	BPE, ng	Σ PAHs, ng	C8000, ng/L	C8018, ng/l	C8020, ng/l	C8080, ng/l
3/30/92-0,0	0	0.00	0.00	0.00	0.00	52.83	0.00	70.18	3.08	0.00	0.00	0.00
4/1/92-0,0	0	5.71	0.83	13.33	0.00	49.40	0.00	87.21	0.00	0.00	0.00	0.00
4/2/92-0,0	0	1.15	1.96	4.08	0.00	9.20	0.00	36.35	0.00	0.00	0.00	1.02
4/3/92-0,0	0	7.90	4.52	0.00	0.00	27.50	0.00	85.03	0.00	0.00	0.12	1.11
Average		3.69	1.83	4.50	0.00	34.75	0.00	66.69	0.77	0.00	0.03	0.56
St. Dev.		3.74	1.97	6.29	0.00	20.34	0.00	23.45	1.54	0.00	0.06	0.59
%RSD		106	108	140	#DIV/0!	58	#DIV/0!	34	200	#DIV/0!	200	106
Min		0.00	0.00	0.00	0.00	9.20	0.00	36.35	0.00	0.00	0.00	0.00
Max		7.90	4.52	13.33	0.00	52.83	0.00	87.21	3.08	0.00	0.12	1.11
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	98.75	96.51	35.40	102.94	9.28	154.71	1771.12	19.10	8.12	0.00	131.46
3/30/92-2,1-B	2	161.61	101.99	33.94	75.94	17.56	90.47	1872.34	11.49	16.60	0.00	146.30
Average		130.18	99.25	34.72	89.44	13.42	122.59	1821.73	15.30	12.36	0.00	138.88
St. Dev.		44.44	3.88	1.10	19.09	5.85	45.42	71.58	5.38	5.99	0.00	10.49
%RSD		34	4	3	21	44	37	4	35	49	#DIV/0!	8
Min		98.75	96.51	33.94	75.94	9.28	90.47	1771.12	11.49	8.12	0.00	131.46
Max		161.61	101.99	35.40	102.94	17.56	154.71	1872.34	19.10	16.60	0.00	146.30
n		2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	161.83	108.22	24.80	86.19	20.45	98.14	2001.87	9.38	11.08	0.00	134.45
3/30/92-2,2-B	2	140.13	101.29	36.79	76.26	1.19	96.88	1575.58	6.00	12.43	0.28	140.87
Average		150.98	104.75	30.80	81.22	10.82	97.51	1788.73	7.69	11.76	0.14	137.66
St. Dev.		15.34	4.87	8.47	7.03	13.61	0.89	301.43	1.83	0.96	0.20	4.54
%RSD		10	5	28	9	126	1	17	23	8	141	3
Min		140.13	101.29	24.80	76.26	1.19	96.88	1575.58	6.09	11.08	0.00	134.45
Max		161.83	108.22	36.79	86.19	20.45	98.14	2001.87	9.38	12.43	0.28	140.87
n		2	2	2	2	2	2	2	2	2	2	2
Average		143.88	101.30	32.76	84.33	12.12	110.05	1805.23	11.60	12.06	0.07	138.27
St. Dev.		28.45	4.75	5.43	12.66	8.49	28.96	179.88	5.30	3.63	0.14	6.64
%RSD		21	5	17	15	73	27	10	46	30	200	5
Min		98.75	96.51	24.80	75.94	1.19	90.47	1575.58	6.09	8.12	0.00	131.46
Max		161.83	108.22	36.79	102.94	20.45	154.71	2001.87	19.10	16.60	0.28	146.30
n		4	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	104.62	95.58	43.66	91.66	14.31	121.59	1727.32	15.47	21.32	1.84	156.83
4/1/92-3,1-B	3	120.94	119.14	62.73	157.34	6.50	177.05	1886.19	2.26	4.14	0.00	86.47
Average		112.78	107.36	53.20	124.50	10.40	149.32	1806.76	8.86	12.73	0.92	121.65
St. Dev.		11.54	16.66	13.34	46.45	5.52	39.32	112.34	9.35	12.15	1.30	49.75
%RSD		10	16	25	37	53	26	6	105	95	141	41
Min		104.62	95.58	43.66	91.66	6.50	121.59	1727.32	2.26	4.14	0.00	86.47
Max		120.94	119.14	62.73	157.34	14.31	177.05	1886.19	15.47	21.32	1.84	156.83
n		2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	108.54	106.14	85.80	127.61	7.40	140.01	1957.30	14.74	22.64	0.00	155.02
4/1/92-3,2-B	3	127.30	99.66	72.54	0.00	13.90	160.41	1979.17	4.88	9.66	1.09	141.41
Average		118.06	102.90	79.21	63.80	10.73	150.21	1968.28	9.81	16.15	0.55	148.32
St. Dev.		13.47	4.58	9.44	90.23	4.59	14.48	15.40	6.97	9.18	0.77	10.05
%RSD		11	4	12	141	43	9	1	71	57	141	7
Min		108.54	99.66	72.54	0.00	7.40	140.01	1957.30	4.88	9.66	0.00	141.41
Max		127.30	106.14	85.80	127.61	13.90	160.41	1979.17	14.74	22.64	1.09	155.02
n		2	2	2	2	2	2	2	2	2	2	2
Average		115.42	105.38	66.25	94.25	10.57	149.76	1887.50	9.30	14.24	0.73	135.08
St. Dev.		10.52	10.00	17.09	68.27	4.18	24.79	113.04	6.74	9.01	0.90	33.16
%RSD		9	9	27	73	39	16	6	72	63	123	26
Min		104.62	95.58	43.66	0.00	6.50	121.59	1727.32	2.26	4.14	0.00	86.47
Max		127.30	119.14	85.80	157.34	14.31	177.05	1979.17	15.47	22.64	1.84	156.83
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	219.08	246.18	118.15	368.40	63.02	415.60	4277.92	43.72	77.11	8.54	579.31
4/2/92-4,1-B	4	148.21	152.71	82.57	0.00	5.31	173.50	2643.41	25.81	44.10	12.19	362.73
Average		183.65	199.45	100.36	184.24	34.11	294.57	3460.67	34.76	60.60	10.37	470.97
St. Dev.		50.08	66.10	25.16	260.50	40.74	171.16	1226.40	12.66	23.34	2.59	11.48
%RSD		27	33	25	141	119	58	36	36	39	25	2
Min		148.21	152.71	82.57	0.00	5.31	173.50	2643.41	25.81	44.10	8.54	362.73
Max		219.08	246.18	118.15	368.40	63.02	415.60	4277.92	43.72	77.11	12.19	579.31
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	307.14	328.40	156.77	367.56	45.50	445.91	4873.45	65.47	121.87	15.33	596.92
4/2/92-4,2-B	4	297.36	329.70	166.24	447.40	34.40	516.51	5160.97	51.33	91.78	13.32	733.54
Average		302.25	329.05	161.50	407.48	39.95	481.21	5017.21	58.40	106.83	14.37	665.23
St. Dev.		6.91	0.92	6.69	56.45	7.79	49.92	203.27	9.99	21.28	1.42	96.60
%RSD		2	2	4	14	19	10	4	17	20	7	16
Min		297.36	328.40	156.77	367.56	34.40	445.91	4873.45	51.33	91.78	13.32	596.92
Max		307.14	329.70	166.24	447.40	45.50	516.51	5160.97	65.47	121.87	15.33	733.54
n		2	2	2	2	2	2	2	2	2	2	2
Average		242.95	264.25	130.88	295.84	37.06	387.88	4238.94	46.58	83.72	12.37	568.13
St. Dev.		74.46	83.88	38.05	208.76	24.19	148.08	1174.50	16.83	33.35	2.82	158.81
%RSD		31	31	29	71	65	38	28	36	40	23	28
Min		148.21	152.71	82.57	0.00	5.31	173.50	2643.41	25.81	44.10	8.54	362.73
Max		307.14	329.70	166.24	447.40	63.02	516.51	5160.97	65.47	121.87	15.33	733.54
n		4	4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	147.75	154.64	73.80	197.77	26.05	236.81	2525.05	22.14	47.21	14.80	378.71
4/3/92-5,1-B	5	263.43	305.75	136.64	415.74	0.00	470.26	4722.13	40.30	90.92	15.25	695.67
Average		205.59	230.20	105.22	306.76	13.03	353.53	3623.59	31.22	69.07	15.02	537.19
St. Dev.		81.80	106.87	44.44	154.13	18.42	165.08	1553.57	12.84	31.33	0.32	224.12
%RSD		40	46	42	50	141	47	43	41	45	2	42
Min		147.75	154.64	73.80	197.77	0.00	236.81	2525.05	22.14	47.21	14.80	378.71
Max		263.43	305.75	136.64	415.74	26.05	470.26	4722.13	40.30	90.92	15.25	695.67
n		2	2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	222.70	224.86	113.03	380.22	28.58	420.35	4007.90	52.26	108.07	17.32	851.67
4/3/92-5,2-B	5	257.91	301.63	142.65	447.35	171.53	458.70	5153.26	27.73	57.55	13.29	554.73
Average		240.31	263.25	127.84	413.79	100.06	439.52	4580.58	40.00	82.81	15.31	703.20
St. Dev.		24.90	53.66	20.96	47.47	101.07	27.11	809.88	17.38	36.37	2.89	209.96
%RSD		10	20	16	11	101	6	17	43	44	19	30
Min		222.70	224.86	113.03	380.22	28.58	420.35	4007.90	27.73	57.55	13.29	554.73
Max		257.91	301.63	142.65	447.35	171.53	458.70	5153.26	52.26	108.07	17.32	851.67
n		2	2	2	2	2	2	2	2	2	2	2
Average		222.70	248.15	116.53	360.27	56.54	398.53	4102.58	35.61	72.19	15.26	605.17
St. Dev.		57.03	71.94	31.22	111.75	77.73	110.46	1191.86	13.45	23.47	1.74	194.09
%RSD		24	29	27	31	137	28	28	38	33	11	32
Min		147.75	154.64	73.80	197.77	0.00	236.81	2525.05	22.14	47.21	13.29	378.71
Max		263.43	305.75	142.65	447.35	171.53	470.26	5153.26	52.26	108.07	17.32	851.67
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

BRH PRS3	Dynam/am %	CB028, ng/l	CB052, ng/l	CB104, ng/l	CB044, ng/l	CB066, ng/l	CB101, ng/l	CB087, ng/l	CB077, ng/l	CB154, ng/l	CB118, ng/l
3/30/92-0,0	0	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.24	1.75	0.00
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.51
4/2/92-0,0	0	0.01	0.00	0.00	0.00	1.02	2.07	0.00	0.00	1.98	4.27
4/3/92-0,0	0	0.09	0.00	0.00	0.00	1.90	0.11	0.68	3.12	2.76	5.71
Average		0.05	0.00	0.00	0.00	0.73	0.55	0.17	1.09	1.63	3.12
St. Dev.		0.04	0.00	0.00	0.00	0.92	1.02	0.34	2.43	1.17	2.46
% RSD		149	#DIV/0!	#DIV/0!	#DIV/0!	126	186	200	153	72	79
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.09	0.00	0.00	0.00	1.90	2.07	0.68	3.12	2.76	5.71
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	104.67	76.83	3.32	23.78	67.34	134.59	57.72	203.33	104.55	137.40
3/30/92-2,1-B	2	117.18	85.89	65.29	13.65	76.51	159.84	57.10	149.04	97.38	233.77
Average		110.93	81.35	34.30	18.73	71.92	147.21	57.41	156.19	100.96	185.73
St. Dev.		8.86	6.34	43.82	7.14	6.48	17.88	0.44	38.10	5.07	67.94
% RSD		8	8	128	38	9	12	1	3	5	37
Min		104.67	76.83	3.32	13.68	67.34	134.59	57.10	109.04	97.38	137.40
Max		117.18	85.89	65.29	33.78	76.51	159.84	57.73	203.33	104.55	233.77
n		2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	110.40	72.48	0.00	11.24	73.79	153.05	51.45	178.67	88.80	220.07
3/30/92-2,2-B	2	115.96	88.48	0.00	16.40	76.87	157.54	57.73	364.23	101.16	239.08
Average		113.18	80.48	0.00	13.82	75.33	155.29	54.59	171.64	94.98	229.57
St. Dev.		3.93	11.31	0.00	3.65	2.18	3.18	4.44	[illegible]	8.74	13.44
% RSD		3	14	#DIV/0!	26	3	2	8	[illegible]	9	6
Min		110.40	71.48	0.00	11.24	73.79	153.06	51.48	178.67	88.80	220.07
Max		115.96	88.48	0.00	16.40	76.87	157.56	57.73	364.23	101.16	239.08
n		2	2	2	2	2	2	2	2	2	2
Average		112.06	80.59	17.15	16.28	73.63	151.25	56.00	193.57	97.97	207.65
St. Dev.		5.74	7.96	33.12	7.43	4.44	11.46	3.65	[illegible]	6.78	47.32
% RSD		5	9	197	33	6	8	5	[illegible]	7	23
Min		104.67	72.48	0.00	11.24	67.34	134.59	51.45	109.04	88.80	137.40
Max		117.18	88.48	65.29	33.78	76.87	159.84	57.73	364.23	104.55	233.77
n		4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	128.30	98.13	0.00	24.31	81.60	168.40	63.87	11.68	111.40	266.71
4/1/92-3,1-B	3	67.99	52.04	0.00	4.46	48.24	104.11	37.76	5.63	64.45	150.85
Average		98.15	75.09	0.00	14.39	64.97	136.36	50.82	[illegible]	88.21	207.78
St. Dev.		42.65	32.59	0.00	14.04	23.56	45.61	18.46	[illegible]	33.06	66.30
% RSD		43	43	#DIV/0!	98	36	33	36	37	37	33
Min		67.99	52.04	0.00	4.46	48.24	104.11	37.76	5.63	64.46	150.85
Max		128.30	98.13	0.00	24.31	81.60	168.40	63.87	11.68	111.40	266.71
n		2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	125.03	100.37	0.00	33.14	77.08	169.35	66.27	14.88	141.17	251.37
4/1/92-3,2-B	3	112.51	88.27	0.00	15.42	75.80	161.24	53.71	7.17	91.68	240.27
Average		118.79	94.32	0.00	24.28	76.44	165.34	59.49	11.08	116.43	245.82
St. Dev.		8.86	7.25	0.00	12.53	0.93	5.67	8.17	5.42	34.99	7.53
% RSD		7	8	#DIV/0!	52	1	3	14	49	30	3
Min		112.51	88.27	0.00	15.42	75.80	161.24	53.71	7.17	91.68	240.27
Max		125.03	100.37	0.00	33.14	77.08	169.35	66.27	14.88	141.17	251.37
n		2	2	2	2	2	2	2	2	2	2
Average		108.46	84.96	0.00	19.34	70.70	150.85	55.15	12.38	102.33	226.80
St. Dev.		27.80	22.46	0.00	12.27	15.19	31.37	12.48	[illegible]	33.11	46.72
% RSD		26	26	#DIV/0!	63	21	21	23	[illegible]	32	21
Min		67.99	52.04	0.00	4.46	48.24	104.11	37.76	5.63	64.46	150.85
Max		128.30	100.37	0.00	33.14	81.60	169.35	66.27	[illegible]	141.17	266.71
n		4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	483.75	353.82	17.63	116.06	204.27	574.25	242.36	47.96	415.27	396.53
4/2/92-4,1-B	4	466.94	367.18	14.53	88.73	200.23	610.06	230.35	43.72	340.22	392.92
Average		475.34	360.50	15.08	102.39	202.25	592.14	236.87	46.79	378.98	[illegible]
St. Dev.		11.89	9.45	2.21	19.39	2.86	25.30	9.22	2.99	45.78	[illegible]
% RSD		3	3	14	19	1	4	4	7	13	6
Min		466.94	353.82	14.53	88.73	200.23	574.25	230.35	43.72	340.22	392.92
Max		483.75	367.18	17.63	116.06	204.27	610.06	242.36	47.96	415.27	396.53
n		2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	489.08	507.26	28.20	212.43	417.90	882.07	355.65	41.53	773.16	1196.53
4/2/92-4,2-B	4	618.14	512.77	24.92	160.80	387.37	790.19	326.60	1131.60	[illegible]	1183.89
Average		553.61	510.02	26.56	186.66	402.68	836.13	341.16	696.57	[illegible]	1190.16
St. Dev.		91.26	3.89	3.74	36.44	21.66	64.97	20.48	737.22	[illegible]	7.37
% RSD		16	7	13	20	5	8	6	153	[illegible]	1
Min		489.08	512.77	24.92	160.80	387.37	790.19	326.60	[illegible]	[illegible]	1183.89
Max		618.14	507.26	28.20	212.43	417.90	882.07	355.63	1131.65	[illegible]	1196.53
n		2	2	2	2	2	2	2	2	2	2
Average		514.48	434.26	20.83	144.04	307.46	714.14	288.59	372.73	776.41	1041.46
St. Dev.		69.78	126.54	5.91	53.48	64.99	146.90	61.55	550.90	112.42	171.94
% RSD		14	24	23	37	19	21	23	162	24	16
Min		466.94	353.82	14.53	88.73	200.23	574.25	230.36	42.23	340.33	991.53
Max		618.14	507.26	28.20	212.43	417.90	882.07	355.63	1131.20	995.79	1196.53
n		4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	396.55	301.15	34.67	88.02	305.34	406.70	191.44	42.43	300.25	722.70
4/3/92-5,1-B	5	578.45	464.62	16.87	144.66	310.21	715.52	278.55	52.92	434.06	1059.98
Average		487.50	382.79	25.77	116.86	257.78	406.11	234.90	46.63	364.15	540.14
St. Dev.		128.63	115.45	6.96	38.45	74.11	154.73	61.45	5.76	87.54	238.31
% RSD		26	29	26	33	29	26	26	19	24	27
Min		396.55	301.15	14.67	88.68	305.34	406.70	191.44	38.43	300.25	722.70
Max		578.45	464.62	34.67	144.66	310.21	715.52	278.55	[illegible]	434.05	1059.98
n		2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	609.37	554.30	30.09	180.64	425.08	861.14	327.95	38.98	511.02	1253.36
4/3/92-5,2-B	5	336.44	418.29	21.30	112.87	334.20	710.68	265.00	61.39	399.51	1093.48
Average		617.58	455.21	34.79	146.75	379.67	785.89	296.82	96.62	406.02	1173.93
St. Dev.		119.34	96.27	4.50	47.50	64.18	106.43	44.00	21.79	73.53	117.92
% RSD		19	20	22	30	17	14	15	92	17	10
Min		336.44	418.24	21.30	112.07	334.20	710.63	265.98	61.39	399.51	1093.48
Max		609.37	554.30	38.09	180.64	425.08	861.14	327.95	[illegible]	511.02	1253.36
n		2	2	2	2	2	2	2	2	2	2
Average		502.70	434.88	25.16	131.31	347.72	606.00	265.86	46.68	405.74	1227.10
St. Dev.		124.93	106.32	6.32	38.45	90.32	190.10	56.41	27.70	86.70	323.04
% RSD		23	24	26	30	28	22	21	54	21	32
Min		396.55	301.15	14.87	88.68	305.34	406.70	191.44	[illegible]	300.25	722.70
Max		609.37	554.30	39.09	180.64	425.08	861.14	327.95	[illegible]	511.02	1253.36
n		4	4	4	4	4	4	4	4	4	4

ND = Not Determined

BRH PRS3	Dynaplus*2	CB18, ng/l	CB153, ng/l	CB105, ng/l	CB138, ng/l	CB126, ng/l	CB167, ng/l	CB128, ng/l	CB169, ng/l	CB170, ng/l	CB170, ng/l
3/30/92-0,0	0	0.36	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/1/92-0,0	0	0.82	1.18	0.00	0.00	0.52	0.00	0.00	0.00	0.36	0.00
4/1/92-0,0	0	1.03	2.00	0.52	0.12	0.00	0.00	0.00	0.00	1.12	0.00
Average		0.55	0.79	0.30	0.08	0.14	0.00	0.00	0.00	0.37	0.00
St. Dev.		0.46	0.95	0.36	0.06	0.16	0.00	0.00	0.00	0.53	0.00
%RSD		83	123	118	200	115	200	#DIV/0!	#DIV/0!	143	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		1.03	2.00	0.52	0.12	0.32	0.00	0.00	0.00	1.12	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	21.59	102.18	97.86	144.18	9.92	21.80	24.40	0.00	40.20	20.40
3/30/92-2,1-B	2	31.61	114.84	93.23	155.83	13.97	26.04	23.86	0.00	42.07	15.82
Average		26.60	108.51	95.44	150.00	11.95	24.42	23.67	0.00	41.14	17.73
St. Dev.		6.68	8.96	3.13	8.23	2.86	2.20	1.15	0.00	1.32	3.86
%RSD		25	8	4	5	24	9	5	#DIV/0!	3	22
Min		21.86	102.18	93.23	144.18	9.92	21.80	22.86	0.00	40.20	15.82
Max		31.61	114.84	97.86	155.82	13.97	26.04	24.40	0.00	42.07	20.40
n		2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	23.91	109.19	76.35	146.27	11.06	24.74	20.25	0.00	40.52	14.41
3/30/92-2,2-B	2	25.13	115.89	93.92	155.87	12.74	26.44	21.64	0.00	43.48	15.44
Average		24.52	112.54	85.13	151.07	11.90	25.59	20.94	0.00	42.10	14.93
St. Dev.		0.86	4.77	12.02	6.76	1.18	1.20	1.01	0.00	2.24	0.73
%RSD		3	4	15	4	10	5	17	#DIV/0!	5	5
Min		23.91	109.19	76.35	146.27	11.06	24.74	20.25	0.00	40.52	14.41
Max		25.13	115.89	93.92	155.87	12.74	26.44	21.64	0.00	43.48	15.44
n		2	2	2	2	2	2	2	2	2	2
Average		26.45	110.53	95.39	150.54	11.50	25.80	23.56	0.00	41.62	16.34
St. Dev.		4.01	6.31	7.48	6.19	1.79	1.64	2.34	0.00	1.69	2.79
%RSD		15	6	9	4	15	7	10	#DIV/0!	4	17
Min		21.86	102.18	76.36	144.18	9.92	22.80	20.26	0.00	40.20	14.41
Max		31.01	114.84	93.92	155.87	13.97	26.44	25.64	0.00	43.68	20.40
n		4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	26.82	123.27	101.27	164.97	11.47	29.45	27.98	0.00	51.84	16.01
4/1/92-3,1-B	3	20.78	74.90	57.83	152.56	10.86	19.95	15.16	0.00	35.27	15.49
Average		23.80	99.09	79.55	158.77	11.17	24.70	21.57	0.00	43.56	15.75
St. Dev.		4.61	34.30	30.72	8.71	0.62	6.72	9.07	0.00	11.71	12.77
%RSD		20	35	39	6	6	27	42	#DIV/0!	27	53
Min		20.18	74.90	57.83	152.56	10.86	19.96	15.16	0.00	35.27	15.01
Max		26.82	123.27	101.27	164.97	11.47	29.45	27.98	0.00	51.84	16.49
n		2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	27.72	127.71	98.64	160.61	10.81	0.00	28.26	2.21	51.15	34.96
4/1/92-3,2-B	3	25.74	117.26	83.48	149.36	10.34	26.55	21.54	0.00	43.19	14.59
Average		26.73	122.48	91.06	154.99	10.57	13.27	24.90	1.11	47.17	24.72
St. Dev.		1.39	7.49	10.72	7.91	0.34	18.77	5.46	1.57	5.62	7.95
%RSD		5	6	12	5	3	141	22	141	14	32
Min		25.74	117.26	83.48	149.36	10.34	0.00	21.54	0.00	43.19	14.59
Max		27.72	127.71	98.64	160.61	10.81	26.55	28.26	2.21	51.15	34.84
n		2	2	2	2	2	2	2	2	2	2
Average		25.11	110.78	85.30	156.86	10.87	15.90	23.40	0.86	46.60	22.73
St. Dev.		3.39	24.39	19.93	7.27	0.66	13.27	6.99	1.11	7.91	9.64
%RSD		13	22	23	5	6	70	28	200	18	42
Min		20.18	74.90	57.83	149.36	10.34	0.00	15.16	0.00	35.27	14.59
Max		27.72	127.71	98.64	160.61	10.81	26.55	28.26	2.21	51.84	35.49
n		4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	88.50	437.32	390.32	605.22	42.21	107.61	105.44	9.23	177.72	84.83
4/2/92-4,1-B	4	91.34	467.63	317.04	570.74	41.15	125.08	93.85	11.15	184.28	87.24
Average		89.92	452.48	353.68	587.98	41.68	116.34	99.65	10.19	181.00	86.04
St. Dev.		2.01	7.99	52.36	25.59	0.74	12.36	15.27	1.36	4.64	1.71
%RSD		2	2	15	4	2	11	15	13	3	2
Min		88.50	437.32	312.04	570.74	41.15	107.61	83.85	9.23	177.72	84.83
Max		91.34	467.93	390.32	605.22	42.21	125.08	105.44	11.15	184.28	87.24
n		2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	117.16	506.07	520.45	704.26	61.16	150.17	142.58	26.26	230.90	108.86
4/2/92-4,2-B	4	117.65	505.83	506.23	87.89	58.69	1.22	139.81	30.17	240.78	125.91
Average		117.40	505.95	513.43	496.28	59.93	1.64	141.19	28.22	235.84	117.39
St. Dev.		0.34	0.01	10.04	493.83	1.74	2.23	1.96	2.76	6.88	12.06
%RSD		0	1	3	113	3	1	1	10	3	10
Min		117.16	505.07	506.23	87.89	58.69	150.17	139.81	26.26	230.90	108.86
Max		117.65	506.83	520.45	704.26	61.16	153.22	142.58	30.17	240.78	125.91
n		2	2	2	2	2	2	2	2	2	2
Average		103.66	516.79	434.31	519.68	50.80	133.90	117.92	19.20	202.42	101.71
St. Dev.		15.51	82.84	101.53	302.51	10.96	21.62	28.30	10.56	33.60	19.43
%RSD		15	17	23	58	21	16	24	55	15	19
Min		88.50	437.32	312.04	87.89	41.15	107.61	83.85	9.23	177.72	84.83
Max		117.65	596.83	520.45	704.26	61.16	153.22	142.58	30.17	240.78	125.91
n		4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	76.21	378.18	269.45	478.63	37.28	92.63	76.28	7.68	140.95	66.89
4/3/92-5,1-B	5	104.45	535.76	468.70	715.07	52.25	136.10	106.46	25.68	198.61	102.36
Average		90.33	456.97	336.57	596.84	44.76	114.37	91.37	17.18	169.78	84.62
St. Dev.		21.38	117.46	94.98	172.86	10.99	30.74	21.34	13.43	40.77	25.09
%RSD		23	26	28	29	24	27	23	78	24	30
Min		76.21	378.18	269.45	478.63	37.28	92.63	76.28	7.68	140.95	66.89
Max		104.45	535.76	468.70	715.07	52.25	136.10	106.46	25.68	198.61	102.36
n		2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	124.11	627.36	467.64	820.47	53.17	157.46	123.22	29.88	234.55	112.78
4/3/92-5,2-B	5	114.97	506.07	381.45	733.00	54.10	141.36	109.23	28.41	211.24	120.69
Average		119.54	566.71	424.54	776.73	53.63	149.41	116.23	29.15	222.90	116.73
St. Dev.		6.57	61.93	60.80	63.88	0.67	11.39	14.86	1.04	9.41	5.69
%RSD		5	7	14	8	4	8	13	4	4	5
Min		114.97	506.07	381.45	733.00	53.17	141.36	109.23	28.41	211.24	112.78
Max		124.11	627.36	467.64	820.47	54.10	157.46	123.22	29.88	234.55	120.69
n		2	2	2	2	2	2	2	2	2	2
Average		105.43	535.34	398.21	654.79	49.70	138.89	103.36	23.16	195.84	100.61
St. Dev.		20.78	110.18	82.79	150.82	8.44	27.71	19.44	10.40	36.81	23.71
%RSD		20	21	21	23	17	21	19	45	19	24
Min		76.21	378.18	269.45	478.63	37.28	92.63	76.28	7.68	140.95	66.89
Max		124.11	627.36	467.64	820.47	54.10	157.46	123.22	29.88	234.55	120.69
n		4	4	4	4	4	4	4	4	4	4

ND = Not Determined

BMH PES3	Dynamac^2	CB196, ng/l	CB206, ng/l	CB209, ng/l	CB sum, ng/l	Σ PCB, ng/l	HCB, ng/l	HEPT, ng/l	ALDRIN, ng/l	OP'DDE, ng/l
3/30/93-0.0	0	0.00	0.00	0.00	6.74	#REF!	1.63	0.00	0.00	0.66
4/1/93-0.0	0	0.00	0.00	0.00	2.51	#REF!	0.00	0.00	0.00	0.00
4/2/93-0.0	0	0.00	0.00	0.00	13.75	#REF!	2.14	0.00	0.00	0.41
4/3/93-0.0	0	0.00	0.00	0.04	22.48	#REF!	18.84	0.00	2.70	10.19
Average		0.00	0.00	0.01	11.37	#REF!	5.65	0.00	0.68	2.76
St. Dev.		0.00	0.00	0.02	8.74	#REF!	8.54	0.00	1.35	4.96
% RSD		#DIV/0!	#DIV/0!	200	77	#REF!	151	#DIV/0!	161	179
Min		0.00	0.00	0.00	2.51	#REF!	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.04	22.48	#REF!	18.84	0.00	2.70	10.19
n		4.00	4.00	4.00	4.00	0.00	4.00	4.00	4.00	4.00
3/30/93-2,1-A	2	1.85	0.00	4.21	1552.00	#REF!	6.99	0.00	0.00	37.20
3/30/93-2,1-B	2	3.32	0.00	3.61	1781.77	#REF!	5.92	0.00	0.00	38.16
Average		2.58	0.00	3.91	1666.89	#REF!	6.26	0.00	0.00	37.72
St. Dev.		1.04	0.00	0.42	162.47	#REF!	0.48	0.00	0.00	0.44
% RSD		40	#DIV/0!	11	10	#REF!	8	#DIV/0!	#DIV/0!	20
Min		1.85	0.00	3.61	1552.00	#REF!	5.92	0.00	0.00	36.16
Max		3.32	0.00	4.21	1781.77	#REF!	6.99	0.00	0.00	37.20
n		2	2	2	2	0	2	2	2	2
3/30/93-2,2-A	2	7.87	3.84	9.94	1603.22	#REF!	6.81	0.00	0.00	37.27
3/30/93-2,2-B	2	1.79	0.00	8.36	1742.73	#REF!	6.19	0.00	0.00	37.85
Average		4.83	1.92	9.15	1672.97	#REF!	6.50	0.00	0.00	37.56
St. Dev.		4.31	2.71	1.11	98.68	#REF!	0.44	0.00	0.00	0.41
% RSD		89	141	12	6	#REF!	7	#DIV/0!	#DIV/0!	1
Min		1.78	0.00	8.36	1603.22	#REF!	6.19	0.00	0.00	37.27
Max		7.87	3.84	9.94	1742.73	#REF!	6.81	0.00	0.00	37.85
n		2	2	2	2	0	2	2	2	2
Average		3.70	0.96	6.53	1669.93	#REF!	6.38	0.00	0.00	38.14
St. Dev.		2.87	1.92	3.10	169.80	#REF!	0.40	0.00	0.00	4.78
% RSD		77	200	48	7	#REF!	6	#DIV/0!	#DIV/0!	16
Min		1.78	0.00	3.61	1502.00	#REF!	5.92	0.00	0.00	37.27
Max		7.87	3.84	9.94	1781.77	#REF!	6.81	0.00	0.00	37.85
n		4	4	4	4	0	4	4	4	4
4/1/93-3,1-A	3	7.06	1.86	5.00	1707.33	#REF!	5.63	0.00	0.00	34.25
4/1/93-3,1-B	3	35.41	14.36	17.17	1127.16	#REF!	2.56	0.00	0.00	18.51
Average		21.23	8.11	11.09	1417.25	#REF!	5.59	0.00	0.00	26.39
St. Dev.		20.04	8.84	8.69	418.34	#REF!	4.20	0.00	0.00	11.14
% RSD		94	109	78	29	#REF!	77	#DIV/0!	#DIV/0!	42
Min		7.86	1.86	5.00	1127.16	#REF!	2.56	0.00	0.00	18.51
Max		35.41	14.36	17.17	1707.33	#REF!	5.63	0.00	0.00	34.25
n		2	2	2	2	0	2	2	2	2
4/1/93-3,2-A	3	2.05	0.00	4.83	1710.49	#REF!	5.12	0.00	0.00	41.69
4/1/93-3,2-B	3	6.41	0.00	8.71	1510.29	#REF!	5.28	0.00	0.00	25.61
Average		4.23	0.00	6.77	1610.39	#REF!	5.20	0.00	0.00	33.65
St. Dev.		3.05	0.00	2.7	141.56	#REF!	0.11	0.00	0.00	11.74
% RSD		73	#DIV/0!	4:	9	#REF!	2	#DIV/0!	#DIV/0!	35
Min		2.05	0.00	4.83	1510.29	#REF!	5.12	0.00	0.00	25.61
Max		6.41	0.00	8.71	1710.49	#REF!	5.28	0.00	0.00	41.69
n		2	2	2	2	0	2	2	2	2
Average		13.73	4.85	8.99	1513.82	#REF!	5.20	0.00	0.00	25.00
St. Dev.		15.26	6.85	5.75	274.26	#REF!	3.49	0.00	0.00	10.41
% RSD		120	171	65	18	#REF!	45	#DIV/0!	#DIV/0!	35
Min		2.05	0.00	4.83	1177.16	#REF!	2.56	0.00	0.00	18.51
Max		35.41	14.36	17.17	1710.49	#REF!	5.63	0.00	0.00	41.69
n		4	4	4	4	0	4	4	4	4
4/2/93-4,1-A	4	40.73	7.05	20.46	6284.34	#REF!	23.05	0.00	0.00	134.93
4/2/93-4,1-B	4	39.41	34.92	28.16	6353.67	#REF!	23.83	0.00	0.00	72.30
Average		40.07	20.99	24.76	6173.99	#REF!	23.44	0.00	0.00	103.62
St. Dev.		0.93	19.70	6.87	178.16	#REF!	0.55	0.00	0.00	44.39
% RSD		2	94	28	3	#REF!	2	#DIV/0!	#DIV/0!	43
Min		39.41	7.05	20.46	6063.67	#REF!	23.05	0.00	0.00	72.30
Max		40.73	34.93	28.85	6284.32	#REF!	23.83	0.00	0.00	134.93
n		2	2	3	2	0	2	2	2	2
4/3/93-4,2-A	4	31.36	23.02	37.12	8451.89	#REF!	27.39	0.00	0.00	0.00
4/3/93-4,2-B	4	34.77	34.91	41.46	8735.11	#REF!	28.49	0.00	0.00	0.00
Average		33.07	28.97	39.29	8593.50	#REF!	27.94	0.00	0.00	0.00
St. Dev.		2.41	8.48	3.49	200.27	#REF!	0.49	0.00	0.00	0.00
% RSD		7	29	8	2	#REF!	2	#DIV/0!	#DIV/0!	#DIV/0!
Min		31.36	23.02	37.12	8451.89	#REF!	27.39	0.00	0.00	0.00
Max		34.77	34.91	41.46	8735.11	#REF!	27.39	0.00	0.00	0.00
n		2	2	2	2	0	2	2	2	2
Average		36.87	24.85	31.82	7383.78	#REF!	25.34	0.00	0.00	91.81
St. Dev.		4.31	13.30	9.27	1406.12	#REF!	2.12	0.00	0.00	68.05
% RSD		12	53	29	19	#REF!	8	#DIV/0!	#DIV/0!	126
Min		31.36	7.05	20.46	6063.67	#REF!	23.05	0.00	0.00	0.00
Max		40.73	34.93	41.46	8735.11	#REF!	27.39	0.00	0.00	134.93
n		4	4	4	4	0	4	4	4	4
4/3/93-5,1-A	5	24.18	21.28	21.32	4908.78	#REF!	18.44	0.00	0.00	79.91
4/3/93-5,1-B	5	43.27	33.02	30.82	7367.13	#REF!	26.99	0.00	0.00	119.23
Average		33.72	28.15	26.07	6137.96	#REF!	22.72	0.00	0.00	99.57
St. Dev.		13.90	9.71	6.72	1736.31	#REF!	6.05	0.00	0.00	27.81
% RSD		40	35	26	28	#REF!	27	#DIV/0!	#DIV/0!	28
Min		24.18	21.28	21.32	4908.78	#REF!	18.44	0.00	0.00	79.91
Max		43.27	34.92	30.82	7367.13	#REF!	26.99	0.00	0.00	119.23
n		2	2	2	2	0	2	2	2	2
4/3/93-5,2-A	5	41.28	36.15	27.98	8760.50	#REF!	29.84	0.00	0.00	171.63
4/3/93-5,2-B	5	36.26	38.64	40.31	7125.06	#REF!	27.68	0.00	0.00	82.32
Average		38.79	37.40	34.14	7942.78	#REF!	28.76	0.00	0.00	126.97
St. Dev.		3.53	1.76	8.73	1156.43	#REF!	1.53	0.00	0.00	63.15
% RSD		9	5	26	15	#REF!	5	#DIV/0!	#DIV/0!	36
Min		36.26	36.15	27.98	7125.06	#REF!	27.68	0.00	0.00	82.32
Max		41.28	38.64	40.31	8760.50	#REF!	29.84	0.00	0.00	171.63
n		2	2	2	2	0	2	2	2	2
Average		36.26	32.77	30.10	7948.37	#REF!	25.74	0.00	0.00	113.27
St. Dev.		8.57	7.88	7.28	1993.37	#REF!	5.01	0.00	0.00	42.86
% RSD		24	24	24	25	#REF!	19	#DIV/0!	#DIV/0!	38
Min		24.18	21.28	21.32	4908.78	#REF!	18.44	0.00	0.00	79.91
Max		43.27	38.64	40.31	8760.50	#REF!	29.84	0.00	0.00	171.63
n		4	4	4	4	0	4	4	4	4

ND = Not Determined

BRH PRS3	Dynamon #2	DIELDRIN, ng/l	PPDDE, ng/l	OPDDD, ng/l	PPDDD, ng/l	OPDDT, ng/l	MIREX, ng/l	NAP, ng/l	2MN, ng/l	1MN, ng/l
3/30/92-0,0	0	#VALUE!	1.16	1.16	1.08	0.00	0.00	139.09	0.00	0.00
4/1/92-0,0	0	0.83	0.00	0.00	0.00	0.00	0.74	52.38	0.00	0.00
4/2/92-0,0	0	0.13	2.15	1.34	0.53	0.00	0.00	16.21	0.00	0.00
4/3/92-0,0	0	3.85	0.00	1.71	4.76	0.00	0.00	27.08	0.00	0.00
Average		#VALUE!	0.83	1.80	1.59	0.00	0.16	56.75	0.00	0.00
St. Dev.		#VALUE!	1.04	0.73	2.16	0.00	0.32	58.32	0.00	0.00
% RSD		#VALUE!	125	71	136	#DIV/0!	200	80	#DIV/0!	#DIV/0!
Min		#VALUE!	0.00	0.00	0.00	0.00	0.00	16.21	0.00	0.00
Max		#VALUE!	2.15	1.71	4.76	0.00	0.63	139.09	0.00	0.00
n		3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	104.06	81.83	64.93	4.61	10.41	2.87	1805.15	993.08	575.68
3/30/92-2,1-B	2	103.86	73.28	60.47	14.05	13.64	1.94	0.00	0.00	0.00
Average		104.27	78.05	62.70	9.33	11.52	2.40	902.58	496.54	287.83
St. Dev.		0.72	6.79	3.15	6.65	1.58	0.66	1340.07	701.92	407.20
% RSD		1	9	5	72	14	27	148	141	141
Min		103.86	73.28	60.47	4.61	10.41	1.94	0.00	0.00	0.00
Max		104.68	82.83	64.93	14.05	13.64	2.87	1805.15	993.08	575.68
n		2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	#VALUE!	67.94	58.77	15.04	4.59	4.54	1556.63	1051.63	601.89
3/30/92-2,2-B	2	#VALUE!	73.92	66.95	11.11	13.97	3.53	1490.19	226.83	54.80
Average		#VALUE!	70.93	62.86	13.07	9.28	4.23	1523.41	638.23	327.30
St. Dev.		#VALUE!	4.22	5.76	2.76	6.63	0.49	46.98	583.22	406.43
% RSD		#VALUE!	6	9	21	71	10	3	91	121
Min		#VALUE!	67.94	58.77	11.11	4.59	3.53	1490.19	226.83	54.80
Max		#VALUE!	73.92	66.95	15.04	13.97	4.54	1556.63	1051.63	601.89
n		0	2	2	2	2	2	2	2	2
Average		#VALUE!	74.40	63.78	11.20	10.40	3.32	1235.40	543.63	336.68
St. Dev.		#VALUE!	6.17	5.98	4.70	4.14	1.15	841.54	566.75	353.97
% RSD		#VALUE!	8	9	42	40	35	68	94	107
Min		#VALUE!	67.94	58.77	4.61	4.59	1.94	0.00	0.00	0.00
Max		#VALUE!	82.83	66.95	15.04	13.97	4.54	1556.63	1051.63	601.89
n		2	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	117.66	0.00	69.30	0.00	0.00	3.13	881.58	730.70	20.20
4/1/92-3,1-B	3	74.11	0.00	40.27	0.00	0.00	81.50	1118.49	678.77	0.00
Average		95.88	0.00	54.79	0.00	0.00	42.32	999.03	704.74	10.15
St. Dev.		30.89	0.00	20.53	0.00	0.00	55.49	166.46	104.79	14.35
% RSD		32	#DIV/0!	37	#DIV/0!	#DIV/0!	131	16	13	141
Min		74.11	0.00	40.27	0.00	0.00	3.13	881.58	678.77	0.00
Max		117.66	0.00	69.30	0.00	0.00	81.50	1118.49	730.70	20.20
n		2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	117.16	90.81	67.07	26.20	13.90	3.10	3416.41	1090.33	955.06
4/1/92-3,2-B	3	98.63	66.69	46.93	21.26	15.08	4.83	973.75	351.37	194.38
Average		107.89	78.75	72.26	23.73	14.49	3.97	2195.08	720.85	574.80
St. Dev.		13.10	17.06	21.73	3.49	0.84	1.23	1727.22	494.23	223.64
% RSD		13	22	30	15	6	31	79	71	39
Min		98.63	66.69	46.93	21.26	13.90	3.10	973.75	351.37	194.38
Max		117.16	90.81	97.07	26.20	15.08	4.83	3416.41	1090.33	955.06
n		2	2	2	2	2	2	2	2	2
Average		108.89	78.75	63.54	11.86	7.24	23.16	1595.95	732.79	297.47
St. Dev.		26.53	46.83	28.00	13.86	8.38	38.96	1217.80	297.76	400.47
% RSD		20	119	31	117	116	168	76	40	183
Min		74.11	0.00	40.27	0.00	0.00	3.10	881.58	351.37	0.00
Max		117.66	90.81	87.07	26.20	15.08	81.50	3416.41	1090.33	955.06
n		4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	427.31	308.58	256.64	75.24	41.48	20.75	5217.81	3441.88	1930.95
4/2/92-4,1-B	4	386.54	243.38	216.43	73.82	53.11	10.25	5257.74	4066.70	3226.34
Average		406.92	277.48	236.54	74.53	47.29	15.50	5237.77	4754.16	2588.64
St. Dev.		28.83	45.48	28.43	1.00	8.33	8.93	28.24	1886.28	908.88
% RSD		7	16	12	1	17	54	1	39	35
Min		386.54	246.38	216.43	73.82	41.48	10.25	5217.81	3441.88	1930.95
Max		427.31	308.58	256.64	75.24	53.11	22.75	5257.74	6066.70	3226.34
n		2	2	2	2	2	2	2	2	2
4/3/92-4,2-A	4	615.20	177.54	340.61	96.27	52.64	13.97	2060.16	1161.96	799.86
4/3/92-4,2-B	4	367.08	85.56	341.19	42.31	51.79	17.33	1187.08	980.54	327.19
Average		391.23	131.55	340.90	69.29	52.22	15.65	2623.10	1076.15	563.53
St. Dev.		34.18	65.04	20.80	38.15	0.60	2.36	1189.44	129.20	336.79
% RSD		6	49	6	55	1	15	59	11	59
Min		367.08	85.56	341.19	42.31	51.79	13.97	1187.08	980.54	327.19
Max		615.20	177.54	340.61	96.27	52.64	17.33	2060.16	1161.96	799.86
n		2	2	2	2	2	2	2	2	2
Average		490.07	204.61	295.97	71.91	40.76	16.68	3433.04	2315.16	1376.08
St. Dev.		105.49	96.04	71.51	22.34	5.86	5.30	1976.33	2278.64	1284.36
% RSD		22	47	24	31	11	33	54	82	52
Min		386.54	98.56	216.43	42.31	41.48	10.25	1187.08	980.54	327.19
Max		615.20	308.58	340.61	96.27	53.11	22.75	5257.74	6066.70	3226.34
n		4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	64.22	93.85	186.45	49.69	21.09	7.83	2903.76	1866.22	1161.36
4/3/92-5,1-B	5	467.24	175.07	263.33	75.76	19.77	23.19	5104.82	3677.71	1578.91
Average		265.73	134.46	224.89	62.74	20.43	15.51	4004.14	2398.97	1370.14
St. Dev.		284.98	57.43	54.36	18.45	0.94	10.95	1571.60	992.20	296.38
% RSD		107	43	24	29	5	70	39	26	22
Min		64.22	93.85	186.45	49.69	19.77	7.83	2903.76	1866.22	1161.36
Max		467.24	175.07	263.33	75.76	21.09	23.19	5104.82	3677.71	1578.91
n		2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	53.65	211.18	317.35	95.10	56.14	12.30	1795.18	964.07	318.79
4/3/92-5,2-B	5	43.44	283.36	348.15	85.21	63.04	10.07	5767.87	3536.58	1550.69
Average		48.55	247.27	332.75	90.15	59.59	11.19	3781.53	2250.38	934.74
St. Dev.		7.22	51.04	44.93	6.99	4.86	1.56	2886.56	1819.04	871.89
% RSD		15	21	17	8	8	14	76	81	93
Min		43.44	211.18	348.15	85.21	56.14	10.07	1795.18	964.07	318.79
Max		53.65	283.36	317.35	95.10	63.04	12.30	5767.87	3676.58	1550.69
n		2	2	2	2	2	2	2	2	2
Average		157.14	198.96	253.82	76.45	40.91	13.35	3092.63	2264.65	1150.45
St. Dev.		206.91	76.90	53.84	19.90	22.79	6.81	1858.38	1104.69	987.82
% RSD		132	41	21	26	57	51	48	49	91
Min		43.44	93.85	186.45	49.69	19.77	7.83	1795.18	964.07	318.79
Max		467.24	283.36	317.35	95.10	63.04	23.19	5767.87	3676.58	1578.91
n		4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: BRH PERS 3

BRH PERS	Dynes/cm^2	BIP, ng/l	DMN, ng/l	ACL, ng/l	ACT, ng/l	TMN, ng/l	FLU, ng/l	PHN, ng/l	ANT, ng/l	1MP, ng/l	FLA, ng/l	PYR, ng/l
3/30/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.50	20.82
4/1/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.20	37.02
4/2/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.00	37.55	42.71
4/3/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	16.98	0.00	0.00	97.32	108.56
Average		0.00	0.00	0.00	0.00	0.00	0.00	4.25	0.58	0.00	53.88	52.28
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	8.49	1.16	0.00	32.21	38.68
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	200	200	#DIV/0!	60	74
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.20	20.82
Max		0.00	0.00	0.00	0.00	0.00	0.00	16.98	2.33	0.00	97.32	108.56
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	796.50	831.28	566.31	163.90	612.84	176.06	1518.03	453.71	355.71	4628.26	4644.55
3/30/92-2,1-B	2	38.45	220.60	0.00	0.00	32.16	372.20	3193.07	540.98	678.60	5306.21	5232.34
Average		417.47	525.94	283.16	81.95	322.50	274.13	2355.56	497.35	517.20	4967.23	4938.45
St. Dev.		536.07	426.16	400.44	115.89	410.60	138.70	1184.84	61.71	230.36	479.19	415.48
%RSD		128	80	141	141	127	51	50	12	44	9	8
Min		38.45	220.60	0.00	0.00	32.16	176.06	1518.03	453.71	355.71	4628.23	4645.55
Max		796.50	831.28	566.31	163.90	612.84	372.20	3193.07	540.98	678.60	5306.21	5232.34
n		2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	836.48	1204.35	1.54	0.00	63.83	331.34	2325.88	684.47	539.52	4532.21	4370.07
3/30/92-2,2-B	2	157.05	224.26	0.68	0.00	16.54	267.11	1808.48	435.81	518.40	4200.74	4183.10
Average		497.77	714.31	1.11	0.00	40.19	299.22	2067.18	560.14	528.96	4370.97	4276.59
St. Dev.		481.84	740.60	0.61	0.00	33.44	48.42	365.86	175.85	14.93	235.03	130.39
%RSD		97	90	55	#DIV/0!	83	15	18	31	3	5	3
Min		157.05	224.36	0.68	0.00	16.54	267.11	1808.48	435.81	518.40	4200.74	4183.10
Max		836.48	1204.36	1.54	0.00	63.83	331.34	2325.88	684.47	539.52	4532.21	4370.07
n		2	2	2	2	3	2	2	3	2	2	2
Average		457.62	620.12	142.13	40.97	181.34	286.68	2211.52	528.74	523.08	4776.60	4562.34
St. Dev.		418.71	514.41	282.79	81.95	288.34	86.09	736.08	113.83	132.34	462.27	448.82
%RSD		91	80	199	200	159	30	33	21	25	10	10
Min		38.45	224.36	0.00	0.00	16.54	176.06	1518.05	435.81	355.71	4200.74	4183.10
Max		836.45	1204.36	566.31	163.90	612.84	372.20	3193.07	684.47	678.60	5306.21	5232.34
n		4	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	700.05	1034.78	218.08	216.56	2480.75	122.35	1832.86	460.64	656.12	4174.22	4337.15
4/1/92-3,1-B	3	80.70	688.66	382.86	32.35	1062.10	60.64	1642.73	467.75	577.76	4484.80	4664.20
Average		394.88	861.72	300.47	124.46	1771.27	91.50	1737.80	464.20	616.95	4329.51	4500.71
St. Dev.		431.80	244.74	116.82	130.26	1003.07	43.63	134.44	4.87	55.41	219.16	231.39
%RSD		109	28	39	105	57	48	8	1	9	5	5
Min		80.70	688.66	218.08	32.35	1062.10	60.64	1642.73	460.64	577.76	4174.22	4337.15
Max		700.06	1034.78	382.86	216.56	2480.75	122.35	1832.86	467.75	656.12	4484.80	4664.27
n		2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	743.05	556.80	396.12	0.00	330.22	178.40	1651.58	637.02	447.33	4807.03	4701.88
4/1/92-3,2-B	3	237.40	471.86	155.07	0.00	0.00	233.15	1667.41	483.26	795.25	4943.79	5350.11
Average		490.26	514.37	275.53	0.00	169.61	205.78	1659.60	560.14	621.29	4875.41	5026.00
St. Dev.		357.48	60.12	311.44	0.00	230.86	38.71	10.96	108.72	230.65	95.70	458.75
%RSD		73	12	83	#DIV/0!	141	19	1	19	36	2	9
Min		237.40	471.86	155.07	0.00	0.00	178.40	1651.58	483.26	447.33	4807.03	4701.88
Max		743.08	556.80	396.12	0.56	330.22	233.17	1667.41	637.02	795.25	4943.79	5302.11
n		2	2	2	2	2	2	2	3	2	2	2
Average		442.57	688.05	338.18	62.23	970.44	148.64	1698.73	512.21	620.12	4602.48	4763.88
St. Dev.		330.20	247.76	106.86	104.08	1103.82	74.08	88.99	83.73	132.18	306.92	401.56
%RSD		76	36	58	167	114	50	5	16	21	7	10
Min		80.70	471.86	155.07	0.00	0.00	60.64	1642.73	460.64	427.37	4174.22	4337.15
Max		743.08	1034.78	396.12	216.56	2480.75	233.15	1832.86	637.02	795.26	4943.79	5302.11
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	1027.02	2762.47	2354.91	1062.61	2711.12	1222.07	9121.10	2747.19	2084.34	20051.60	20163.93
4/2/92-4,1-B	4	2813.87	266.45	5387.13	1914.76	6282.47	1064.04	8630.65	2599.85	2530.30	7570.07	7419.41
Average		1920.45	1514.46	3871.02	1488.68	4496.79	1143.06	8875.87	2673.52	2311.82	13810.88	13791.67
St. Dev.		1263.49	1764.96	2144.11	602.84	2525.33	111.76	346.66	104.19	321.70	8825.84	9011.73
%RSD		66	117	55	40	56	10	4	4	14	64	65
Min		1027.02	266.45	2354.91	1062.62	2711.12	1064.04	8634.65	2599.85	2084.34	7570.07	7419.41
Max		2813.87	2762.47	5387.13	1914.76	6282.47	1222.07	9121.10	2747.19	2530.30	20051.60	20163.92
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	616.16	1270.05	1963.41	166.18	1434.76	1740.93	12721.24	4865.57	3104.76	26713.53	26407.45
4/2/92-4,2-B	4	478.37	1070.91	1579.48	92.76	1274.41	1572.19	11824.85	4540.72	2896.86	29626.48	29075.00
Average		547.26	1170.48	1761.53	129.47	1350.58	1656.56	12273.05	4700.14	3000.81	28170.00	27741.23
St. Dev.		97.43	140.81	280.01	51.92	106.31	119.38	633.84	197.18	76.39	2059.76	1528.49
%RSD		18	12	16	40	8	7	5	4	3	7	6
Min		478.37	1070.91	1579.48	92.76	1284.41	1572.19	11824.86	4540.72	2896.86	26713.53	26407.46
Max		616.16	1270.06	1960.41	166.18	1434.76	1740.93	12721.24	4865.57	3104.76	29626.48	29075.00
n		2	2	2	2	2	2	2	2	2	2	2
Average		1233.86	1342.47	2837.78	809.08	2923.19	1399.92	10574.91	3691.33	2656.32	20990.44	20766.45
St. Dev.		1078.82	1041.36	1736.38	808.98	2326.99	311.13	2000.16	1182.30	407.41	9883.44	9628.96
%RSD		87	78	61	106	79	22	19	32	15	47	46
Min		478.37	266.45	1579.48	92.76	1284.41	1064.04	8630.86	2599.25	2084.34	7570.97	7419.41
Max		2813.87	2762.47	5387.13	1914.76	6282.47	1740.93	12721.24	4865.57	3104.76	29626.48	29075.19
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-5,1-A	5	722.98	1976.21	2360.59	110.96	1115.47	704.20	5454.04	1814.00	1565.43	11436.50	11907.21
4/3/92-5,1-B	5	1306.32	2466.80	3354.37	766.80	2471.31	961.25	11160.51	3468.16	2643.75	20725.91	20968.52
Average		1014.65	2221.55	2857.48	438.88	1793.39	832.73	8307.28	2641.08	2104.59	16082.26	16437.86
St. Dev.		412.85	345.96	773.41	463.84	958.60	181.76	4035.05	1170.38	762.42	6567.13	6406.68
%RSD		41	16	28	106	53	22	49	44	36	41	39
Min		722.98	1976.21	2360.59	110.96	1115.47	704.20	5454.04	1814.00	1565.43	11436.50	11907.21
Max		1306.32	2466.60	3354.37	766.80	2471.31	961.25	11160.51	3468.16	2643.75	20725.91	20968.52
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-5,2-A	5	328.20	737.57	1743.08	0.00	0.00	1120.35	9941.78	3926.66	1718.27	23595.75	23320.92
4/2/92-5,2-B	5	1320.28	2711.50	3592.85	1375.00	2727.06	1518.57	10832.28	3221.46	2779.25	18166.61	18740.76
Average		824.28	1724.54	2667.96	687.50	1363.53	1323.96	10387.03	3574.06	2248.76	20881.18	21030.84
St. Dev.		701.44	1396.03	1308.06	972.27	1928.28	281.32	630.68	498.66	750.23	3839.60	3238.50
%RSD		85	81	49	141	141	21	6	14	33	18	15
Min		328.20	737.57	1743.08	0.00	0.00	1120.35	9941.78	3221.46	1718.27	18166.61	18740.76
Max		1320.28	2711.50	3592.85	1375.00	2727.06	1518.57	10832.28	3926.66	2779.25	23595.75	23320.92
n		2	2	2	2	2	2	2	2	2	2	2
Average		919.47	1973.06	2737.73	563.22	1578.21	1078.34	9347.15	3107.82	2176.67	18481.71	18736.69
St. Dev.		565.01	875.58	881.04	636.35	1267.40	341.61	2646.99	916.67	623.17	5192.77	4871.61
%RSD		54	45	32	113	80	32	28	29	29	28	26
Min		328.20	737.57	1743.08	0.00	0.00	704.20	5454.04	1814.00	1565.43	11436.50	11907.21
Max		1306.32	2711.50	3592.85	1375.00	2727.06	1518.57	11160.51	3926.66	2779.25	23596.75	23320.92
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

Appendix 3: BRH PP[illegible]

BRH PPRD	Dynamism??	BAA, ug/l	CHR, ug/l	BBF, ug/l	BKF, ug/l	BEP, ug/l	BAP, ug/l	PER, ug/l	INP, ug/l	DBA, ug/l	BPE, ug/l	Σ PAHs, ug/l
3/30/92-0,0	0	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	[illegible]	0.00	701.84
4/1/92-0,0	0	0.00	0.00	19.76	32.56	57.12	8.33	133.34	0.00	[illegible]	0.00	872.14
4/2/92-0,0	0	13.74	6.74	26.58	24.56	11.32	19.59	46.79	0.09	92.92	0.00	303.51
4/3/92-0,0	0	0.00	58.59	0.00	141.66	78.99	45.24	0.00	0.00	275.93	0.00	836.22
Average		3.43	16.33	11.58	49.77	36.91	18.22	45.03	0.00	347.81	0.00	606.96
St. Dev.		6.87	28.36	13.46	62.83	37.36	19.03	62.87	0.00	266.40	0.00	234.81
% RSD		200	174	118	126	101	100	140	#DIV/0!	58	#DIV/0!	34
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.92	0.00	303.51
Max		13.74	58.59	26.58	141.66	78.99	45.24	133.34	0.00	538.36	0.00	872.14
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
3/30/92-2,1-A	2	1448.71	2508.06	1732.76	1435.39	1975.08	1910.23	709.84	2058.71	185.07	3094.25	35422.31
3/30/92-2,1-B	2	1604.15	3323.70	3282.31	3963.05	3332.18	2039.87	678.81	1518.89	351.23	1809.46	37446.82
Average		1526.43	2916.38	2507.54	2700.22	2653.63	1985.05	694.33	1788.80	268.65	2451.86	36434.56
St. Dev.		109.91	576.04	1095.60	1788.47	959.90	77.53	21.94	381.71	117.06	908.49	1432.55
% RSD		7	20	44	66	36	4	3	21	44	37	4
Min		1448.71	2508.06	1732.76	1436.39	1975.08	1910.23	678.81	1518.89	185.07	1809.46	35422.31
Max		1604.15	3323.70	3282.31	3963.05	3332.18	2039.87	709.84	2058.71	351.23	3094.25	37446.82
n		2	2	2	2	2	2	2	2	2	2	2
3/30/92-2,2-A	2	1508.54	2740.44	3536.40	3978.44	3236.37	2163.57	496.09	1723.71	408.97	1962.70	40007.36
3/30/92-2,2-B	2	1348.25	2904.83	3001.40	1602.56	2803.56	2025.82	735.77	1525.22	23.99	1937.56	31511.65
Average		1428.75	2822.63	3268.86	2790.50	3019.97	2094.70	615.93	1624.46	216.47	1950.13	35774.51
St. Dev.		112.06	116.24	378.78	1680.00	306.80	97.40	169.46	140.36	272.26	17.78	6008.59
% RSD		8	4	12	60	10	5	28	9	126	1	17
Min		1348.25	2740.44	3001.40	1602.56	2802.56	2025.82	496.09	1525.22	23.99	1937.56	31511.65
Max		1508.54	2904.83	3536.40	3978.44	3236.37	2163.57	735.77	1723.71	408.97	1962.70	40007.36
n		2	2	2	2	2	2	2	2	2	2	2
Average		1477.59	[illegible]	2888.74	2745.36	2811.60	2039.87	655.13	1706.63	242.44	2200.99	36104.54
St. Dev.		107.01	343.87	881.26	1422.14	593.67	98.78	108.56	263.26	173.74	590.27	3697.63
% RSD		7	12	28	52	21	5	17	15	72	27	10
Min		1348.25	2508.06	1732.76	1436.39	1975.08	1910.23	496.09	1518.89	23.99	1809.46	31511.65
Max		1604.15	3323.70	3536.40	3978.44	3336.87	2163.57	735.77	2058.71	408.97	3094.25	40007.36
n		4	4	4	4	4	4	4	4	4	4	4
4/1/92-3,1-A	3	1514.40	2805.42	1877.73	1121.40	2092.47	1931.67	877.13	1833.08	286.11	2431.70	34546.47
4/1/92-3,1-B	3	1698.59	3082.71	2016.60	1740.26	2418.84	2382.79	1254.98	3146.78	130.01	3540.94	37723.87
Average		1606.50	2944.06	1947.21	1430.83	2255.66	2157.23	1066.06	2489.93	208.06	2986.32	36135.17
St. Dev.		130.24	196.08	98.26	437.60	230.78	318.99	266.90	928.90	110.10	784.35	2246.76
% RSD		8	7	5	31	10	15	25	37	53	26	6
Min		1514.40	2806.42	1877.73	1121.40	2092.47	1931.67	877.13	1833.08	130.01	2431.70	34546.47
Max		1698.59	3082.71	2016.60	1740.26	2418.84	2382.79	1254.98	3146.78	286.11	3540.94	37723.87
n		2	2	2	2	2	2	2	2	2	2	2
4/1/92-3,2-A	3	1551.04	2628.97	1735.25	1438.33	2170.83	2122.84	1717.72	2552.13	146.70	2900.20	39147.71
4/1/92-3,2-B	3	1503.00	3130.66	4625.46	4797.20	2351.70	1993.26	1450.71	0.00	279.54	3308.14	38583.38
Average		1527.02	2879.82	3180.36	3117.81	2261.26	2058.05	1584.22	1276.06	214.62	3104.17	38865.54
St. Dev.		33.97	354.75	2043.68	2375.15	128.32	91.63	188.82	1804.60	93.93	288.48	398.67
% RSD		2	12	64	76	11	4	12	141	43	9	1
Min		1503.00	2628.97	1735.25	1438.33	2170.83	1993.26	1450.71	0.00	146.70	2900.20	38147.71
Max		1551.04	3130.66	4625.46	4797.20	2351.70	2122.84	1717.72	2552.13	279.54	3308.14	39583.38
n		2	2	2	2	2	2	2	2	2	2	2
Average		1566.76	2911.94	2563.78	2274.32	2258.46	2107.64	1325.04	1883.00	211.34	3045.20	37500.36
St. Dev.		90.26	226.94	1372.26	1700.65	153.66	190.90	383.61	1368.41	85.73	458.83	2276.75
% RSD		6	8	54	75	9	9	27	73	39	16	6
Min		1503.00	2628.97	1735.25	1121.40	2092.47	1931.67	877.13	0.00	130.01	2431.70	34546.47
Max		1698.59	3130.66	4625.45	4797.20	2551.70	2382.79	1717.72	3146.78	286.11	3540.94	39583.38
n		4	4	4	4	4	4	4	4	4	4	4
4/2/92-4,1-A	4	8084.33	12773.34	10166.72	6959.88	8781.30	9847.38	4725.98	14730.53	2516.75	16623.93	171116.96
4/2/92-4,1-B	4	2242.37	3364.36	0.00	12597.46	5908.36	6108.35	3302.89	0.00	212.25	6941.30	101736.42
Average		5163.35	8068.85	5083.36	9778.17	7344.83	7977.87	4014.44	7365.76	1364.50	11782.66	136426.69
St. Dev.		4130.88	6653.15	7188.86	3987.06	2033.19	2643.80	1006.38	10415.42	1629.30	6846.90	49060.45
% RSD		80	82	141	41	27	33	25	141	119	58	36
Min		2242.37	3364.36	0.00	6959.88	5908.36	6108.35	3302.89	0.00	212.25	6941.30	101736.42
Max		8084.33	12773.34	10166.72	12597.46	8781.30	9847.38	4725.98	14730.53	2516.75	16623.93	171116.96
n		2	2	2	2	2	2	2	2	2	2	2
4/2/92-4,2-A	4	9548.71	15730.41	9707.75	8125.74	12205.40	12815.92	6270.81	14702.30	1820.03	17836.44	194807.52
4/2/92-4,2-B	4	10595.45	16947.79	12127.61	9014.79	11894.32	13187.96	6609.40	17025.37	1379.30	20680.56	206738.72
Average		10072.08	16340.16	10917.68	8570.27	12050.86	13001.54	6440.11	15869.13	1599.70	19258.50	[illegible]
St. Dev.		740.15	874.96	1711.10	628.66	219.63	263.05	239.42	1643.13	311.87	1996.96	8398.66
% RSD		7	5	16	7	2	2	4	14	19	10	4
Min		9548.71	15730.41	9707.75	8125.74	11894.32	12815.92	6270.81	14702.30	1379.30	17836.44	194807.52
Max		10595.45	16947.79	12127.61	9014.79	12205.40	13187.96	6609.40	17025.37	1820.03	20680.56	206738.72
n		2	2	2	2	2	2	2	2	2	2	2
Average		7617.71	12200.00	8000.52	9174.22	9717.35	10489.90	5227.27	11834.45	1482.10	15515.58	168497.40
St. Dev.		3728.61	6153.20	5436.84	2402.40	2877.06	3251.20	1522.46	6930.36	907.49	5961.06	46640.42
% RSD		49	50	68	27	31	31	29	60	61	38	28
Min		2242.37	3364.36	0.00	6959.88	5908.36	6108.35	3302.89	0.00	212.25	6941.30	101736.42
Max		10595.45	16947.79	12127.61	12597.46	12205.40	13187.96	6609.40	17025.37	2516.75	20680.56	206738.72
n		4	4	4	4	4	4	4	4	4	4	4
4/3/92-5,1-A	5	4066.12	7528.40	6567.12	3409.63	5910.01	6185.73	2952.06	7913.90	1041.84	9472.36	101001.86
4/3/92-5,1-B	5	9265.60	13540.58	0.00	22408.68	10407.91	12231.20	5465.60	16620.55	0.00	19130.20	180885.04
Average		7115.86	10534.49	3283.56	12940.15	8283.61	9208.51	4208.83	12270.32	520.92	14301.28	140943.45
St. Dev.		3640.30	4251.25	4643.65	13480.98	3183.96	4274.16	1777.48	6165.68	736.35	6829.15	[illegible]
% RSD		49	40	141	104	40	46	41	50	141	48	45
Min		4066.12	7528.40	0.00	3409.63	5910.01	6185.73	2952.06	7913.90	0.00	9472.36	101001.86
Max		9265.60	13540.58	6567.12	22408.68	10407.91	12231.20	5465.60	16620.55	1041.84	19130.20	180885.04
n		2	2	2	2	2	2	2	2	2	2	2
4/3/92-5,2-A	5	8530.11	13702.71	8064.84	4062.86	8008.17	9142.47	4521.16	15208.68	1143.36	16813.96	161516.01
4/3/92-5,2-B	5	8758.84	13306.41	12652.30	22022.55	10016.52	12145.20	3706.02	17894.18	6660.61	18347.80	206130.43
Average		8643.97	13504.56	10358.47	13042.71	9012.34	10643.85	4113.59	16551.43	4001.98	17580.88	183823.22
St. Dev.		158.37	[illegible]	3243.71	12699.61	1420.25	2123.34	577.92	1899.30	3901.71	1084.79	31547.16
% RSD		2	2	25	80	10	20	14	11	101	6	17
Min		8530.11	13306.41	8064.84	4062.86	8008.17	9142.47	3706.02	15208.68	1143.36	16813.96	161516.01
Max		8758.84	13702.71	12652.30	22022.55	10016.52	12145.20	4521.16	17894.18	6660.61	18347.80	206130.43
n		2	2	2	2	2	2	2	2	2	2	2
Average		7882.48	12020.52	[illegible]	13320.90	8607.03	9926.30	4484.23	14410.63	2261.45	15940.10	164383.34
St. Dev.		1967.85	3025.15	5303.15	10493.34	2121.67	2877.68	1248.36	4460.95	3108.34	4418.51	46074.83
% RSD		25	25	76	79	24	29	27	31	137	28	28
Min		4066.12	7528.40	0.00	3409.63	5910.01	6185.73	2952.06	7913.90	0.00	9472.36	101001.86
Max		9265.60	13702.71	12652.30	22408.68	10407.91	12231.20	5706.02	17894.18	6660.61	19130.20	206130.43
n		4	4	4	4	4	4	4	4	4	4	4

ND = Not Determined

APPENDIX 4. PROVIDENCE RIVER PES DATA (PR PES)

PES PES	Dynalum^3	Filter#	Amt filtered, g	Vol filtered, ml	TSS, mg/L	CB#66, ng/g	CB#18, ng/g	CB#28, ng/g	CB#44, ng/g	CB#52, ng/g	CB#83, ng/g
4/27/93-0,0	0	86	0.0052	100.0	2.00						
4/28/93-0,0	0	95	0.0027	100.0	27.00	0.00	26.48	0.00	0.00	25.48	24.83
4/29/93-0,0	0	98	0.0033	100.0	33.00						
4/30/93-0,0	0	108	0.0045	100.0	44.00	0.00	0.00	0.00	101.78	67.14	198.05
Average	0		0.0097	100.00	26.75	0.00	13.24	0.00	50.89	56.31	111.45
St. Dev.			0.0018	0.00	18.96	0.00	18.72	0.00	71.97	43.60	123.47
% RSD			67.6685	0	68	#DIV/0!	141	#DIV/0!	141	77	110
Min			0.0068	100.00	2.00	0.00	0.00	0.00	0.00	25.48	24.83
Max			0.0045	100.00	44.00	0.00	26.48	0.00	101.78	87.14	198.05
n	4		4.0000	4	4	2	2	2	2	2	2
4/27/93-2,1-A	2	90	0.0102	40.5	206.06						
4/27/93-2,1-B	2	90	0.0101	51.0	196.04	7.20	4.93	0.00	0.00	25.20	13.15
Average	2		0.0103	50.25	201.05	7.20	4.93	0.00	0.00	25.20	13.15
St. Dev.			0.0001	1.06	5.67	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD			0.6607	2	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.0101	49.50	196.04	7.20	4.93	0.00	0.00	25.20	13.15
Max			0.0103	51.00	206.06	7.20	4.93	0.00	0.00	25.20	13.15
n	2		2.0000	2	2	1	1	1	1	1	1
4/27/93-2,2-A	2	91	0.0177	90.0	214.00						
4/27/93-2,2-B	2	92	0.0105	50.0	210.00						
Average	2		0.0186	90.00	212.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.			0.0001	0.00	2.83	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD			1.3343	0	1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.0105	50.00	210.00	0.00	0.00	0.00	0.00	0.00	0.00
Max			0.0107	50.00	214.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2		2.0000	2	2	0	0	0	0	0	0
Average	2		0.0104	50.13	207.05	7.20	4.93	0.00	0.00	25.20	13.15
St. Dev.			0.0003	0.63	4.81	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD			2.6843	1	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min			0.0101	49.50	196.04	7.20	4.93	0.00	0.00	25.20	13.15
Max			0.0107	51.00	214.00	7.20	4.93	0.00	0.00	25.20	13.15
n	4		4.0000	4	4	1	1	1	1	1	1
4/28/93-3,1-A	3	94	1.0000	50.0	736.00	0.00	0.07	0.00	0.00	5.08	3.73
4/28/93-3,1-B	3	95	0.0464	50.0	928.00	0.07	1.43	0.00	0.00	12.18	12.11
Average	3		0.0482	50.00	832.00	0.04	0.75	0.00	0.00	8.63	7.92
St. Dev.			0.0005	0.00	136.76	0.05	0.96	0.00	0.00	5.05	5.55
% RSD			16.3678	0	16	141	128	#DIV/0!	#DIV/0!	58	70
Min			0.0464	50.00	736.00	0.00	0.07	0.00	0.00	5.08	3.73
Max			0.0464	50.00	928.00	0.07	1.43	0.00	0.00	12.18	12.11
n	2		2.0000	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	96	0.0544	50.0	1088.00	0.00	0.24	0.00	0.00	6.30	4.36
4/28/93-3,2-B	3	97	0.0334	50.0	1068.00	0.00	0.00	4.19	10.51	9.30	12.74
Average	3		0.0439	50.00	1078.00	0.00	0.12	2.10	5.26	7.80	8.55
St. Dev.			0.0007	0.00	14.14	0.00	0.17	2.96	7.43	2.15	5.98
% RSD			1.5119	0	1	#DIV/0!	141	141	141	28	69
Min			0.0434	50.00	1068.00	0.00	0.00	0.00	0.00	6.30	4.36
Max			0.0444	50.00	1088.00	0.00	0.24	4.19	10.51	9.30	12.74
n	2		2.0000	2	2	2	2	2	2	2	2
Average	3		0.0478	50.00	968.00	0.05	0.44	1.05	2.63	8.34	8.34
St. Dev.			0.0001	0.00	161.48	0.04	0.07	2.10	5.26	3.19	4.85
% RSD			17.0051	0	17	200	154	200	200	39	58
Min			0.0368	50.00	736.00	0.00	0.00	0.00	0.00	5.08	3.73
Max			0.0544	50.00	1088.00	0.07	1.43	4.19	10.51	12.18	12.74
n	4		4.0000	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	99	0.0077	50.0	1543.60	0.00	0.33	0.00	0.00	3.22	3.73
4/28/93-4,1-B	4	100	0.0038	50.0	1876.00	0.38	0.81	0.00	0.00	8.48	8.09
Average	4		0.0058	50.00	1880.70	0.20	0.57	0.00	0.00	5.85	5.91
St. Dev.			0.0028	3.13	23.00	0.00	0.34	0.00	0.00	3.73	3.05
% RSD			2.8994	6	1	141	99	#DIV/0!	#DIV/0!	64	52
Min			0.0038	50.00	1543.60	0.00	0.33	0.00	0.00	3.22	3.73
Max			0.0077	53.00	1876.00	0.38	0.81	0.00	0.00	8.48	8.09
n	2		2.0000	2	2	2	2	2	2	2	2
4/28/93-4,2-A	4	101	0.1006	50.0	2012.00	18.97	1.89	5.98	14.96	14.84	19.08
4/28/93-4,2-B	4	102	0.1013	50.0	2026.00	0.00	0.06	0.00	0.00	1.48	3.96
Average	4		0.1051	50.00	2051.00	9.48	0.93	2.99	7.48	8.16	11.52
St. Dev.			0.0006	0.00	13.73	13.41	1.33	4.23	10.51	7.93	10.69
% RSD			0.6288	0	1	141	133	141	141	86	98
Min			0.1006	50.00	2012.00	0.00	0.06	0.00	0.00	1.48	3.96
Max			0.1013	50.00	2026.00	18.97	1.89	5.98	14.96	14.84	19.08
n	2		2.0000	2	2	2	2	2	2	2	2
Average	4		0.0984	50.75	1948.36	4.89	0.75	1.49	3.73	7.84	8.72
St. Dev.			0.0088	1.50	94.36	9.39	0.77	2.99	7.48	5.02	7.19
% RSD			3.5353	3	5	192	102	200	200	72	83
Min			0.0868	50.00	1843.60	0.00	0.06	0.00	0.00	3.22	3.73
Max			0.1015	53.00	2026.00	18.97	1.89	5.98	14.96	14.84	19.08
n	4		4.0000	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	106	0.2436	50.0	4872.00	0.00	0.38	2.91	9.80	10.02	9.15
4/30/93-5,1-B	5	107	0.2003	50.0	5004.00	1.89	1.09	0.00	0.00	0.28	7.79
Average	5		0.2720	50.00	5438.00	0.95	0.84	1.46	4.90	5.15	8.38
St. Dev.			0.0057	0.00	773.57	1.34	0.36	1.86	4.95	6.89	1.10
% RSD			14.3781	0	14	141	43	141	141	134	13
Min			0.2436	50.00	4872.00	0.00	0.38	0.00	0.00	0.28	7.79
Max			0.3003	50.00	5004.00	1.89	1.09	2.91	9.80	10.02	9.15
n	2		2.0000	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	109	0.1834	50.0	9080.00	0.73	1.46	0.00	0.00	8.35	7.70
4/30/93-5,2-B	5	110	0.1939	50.0	6463.33	0.95	1.04	0.00	0.00	8.20	8.25
Average	5		0.1882	50.00	6371.67	0.85	1.27	0.00	0.00	8.28	7.98
St. Dev.			0.0081	0.00	271.06	0.14	0.32	0.00	0.00	0.28	0.39
% RSD			4.3119	0	4	17	26	#DIV/0!	#DIV/0!	3	5
Min			0.1834	50.00	6080.00	0.73	1.04	0.00	0.00	8.20	7.70
Max			0.1939	50.00	6463.33	0.95	1.49	0.00	0.00	8.35	8.25
n	2		2.0000	2	2	2	2	2	2	2	2
Average	5		0.2204	48.00	5646.33	0.89	1.05	0.73	2.45	6.76	8.15
St. Dev.			0.0520	11.31	681.67	0.78	0.37	1.46	4.90	4.39	0.71
% RSD			23.5763	20	12	88	36	200	200	65	9
Min			0.1834	30.00	4872.00	0.00	0.38	0.00	0.00	0.28	7.60
Max			0.2703	50.00	6463.33	1.89	1.49	2.91	9.80	10.02	9.15
n	4		4.0000	4	4	4	4	4	4	4	4

PRR PES	Dynes/cm^2	C3104, ng/g	C3044, ng/g	C2966, ng/g	C3101, ng/g	C3097, ng/g	C3077, ng/g	C3754, ng/g	C3418, ng/g	C3418, ng/g
4/27/92-0,0	0									
4/28/92-0,0	0	66.09	18.80	3.99	0.00	0.00	12.56	7.33	6.76	0.00
4/29/92-0,0	0									
4/30/92-0,0	0	358.19	201.86	18.87	17.70	0.56	160.11	95.43	52.75	0.00
Average	0	212.44	110.33	11.43	8.85	0.28	86.33	51.38	29.76	0.00
St. Dev.		206.12	129.36	10.52	12.52	0.40	104.34	62.30	32.11	0.00
% RSD		97	117	92	141	141	121	121	108	#DIV/0!
Min		66.09	18.80	3.99	0.00	0.00	12.56	7.33	6.76	0.00
Max		358.19	201.86	18.87	17.70	0.56	160.11	95.43	52.75	0.00
n	4	2	2	2	2	2	2	2	2	2
4/27/92-2,1-A	2									
4/27/92-2,1-B	2	22.45	7.24	14.07	12.80	0.00	13.70	0.00	17.83	0.00
Average	2	22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.90	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.80	0.00
Max		22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.89	0.00
n	2	1	1	1	1	1	1	1	1	1
4/27/92-2,2-A	2									
4/27/92-2,2-B	2									
Average	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	0	0	0	0	0	0	0	0	0
Average	2	22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.90	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.80	0.00
Max		22.46	7.24	14.07	12.80	0.00	13.70	0.00	17.80	0.00
n	4	1	1	1	1	1	1	1	1	1
4/28/92-3,1-A	3	0.00	1.83	6.86	10.58	2.73	8.20	0.50	0.00	0.00
4/28/92-3,1-B	3	1.42	4.87	24.71	26.94	9.98	24.72	2.82	30.43	0.00
Average	3	0.71	3.35	15.79	18.76	6.36	16.46	1.66	15.22	0.45
St. Dev.		1.00	2.16	12.63	11.57	5.13	11.68	1.64	21.52	0.64
% RSD		141	64	80	62	81	71	99	141	141
Min		0.00	1.83	6.86	10.58	2.73	8.20	0.50	0.00	0.00
Max		1.42	4.87	24.71	26.94	9.98	24.72	2.82	30.43	0.90
n	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	0.00	1.40	8.54	12.58	3.34	9.52	0.52	14.94	0.00
4/28/92-3,2-B	3	0.00	3.46	10.14	28.02	8.35	2.88	14.24	43.06	5.80
Average	3	0.00	2.43	9.34	20.30	5.85	6.70	7.38	28.98	2.90
St. Dev.		0.00	1.36	1.13	10.91	3.54	3.50	9.70	19.89	4.10
% RSD		#DIV/0!	53	12	54	61	70	131	69	141
Min		0.00	1.40	8.54	12.58	3.34	2.88	0.52	14.94	0.00
Max		0.00	3.46	10.14	28.02	8.35	9.52	14.24	43.06	5.80
n	2	2	2	2	2	2	2	2	2	2
Average	3	0.36	2.94	12.56	19.53	6.06	11.58	4.52	22.10	1.67
St. Dev.		0.71	1.55	8.21	9.23	3.61	9.46	6.57	18.63	2.89
% RSD		200	53	65	47	60	82	145	84	196
Min		0.00	1.40	6.86	10.58	2.73	2.88	0.50	0.00	0.00
Max		1.42	4.87	24.71	28.02	9.98	24.72	14.24	43.06	5.80
n	4	4	4	4	4	4	4	4	4	4
4/29/92-4,1-A	4	0.08	1.78	11.50	7.83	1.43	7.13	0.05	8.36	0.00
4/29/92-4,1-B	4	2.66	3.29	14.63	17.46	6.14	14.17	1.62	19.16	0.73
Average	4	1.37	2.54	13.07	12.65	3.79	10.65	0.84	13.76	0.37
St. Dev.		1.82	1.07	2.21	6.81	3.33	4.98	1.11	7.63	0.52
% RSD		133	42	17	54	88	47	4?	55	141
Min		0.08	1.78	11.50	7.83	1.43	7.13	0.05	8.36	0.00
Max		2.66	3.29	14.63	17.46	6.14	14.17	1.62	19.16	0.73
n	2	2	2	2	2	2	2	2	2	2
4/29/92-4,2-A	4	17.33	7.18	11.82	30.40	14.10	7.10	30.34	62.50	12.58
4/29/92-4,2-B	4	0.00	2.00	12.81	8.57	2.73	7.28	0.60	8.80	0.00
Average	4	8.63	4.59	13.32	19.48	8.41	7.20	10.72	35.80	6.29
St. Dev.		12.19	3.66	0.84	15.38	8.04	0.13	14.31	38.46	8.89
% RSD		141	80	7	80	96	2	134	107	141
Min		0.00	2.00	11.82	8.57	2.73	7.10	0.00	8.80	0.00
Max		17.33	7.18	12.81	30.40	14.10	7.28	30.34	62.50	12.58
n	2	2	2	2	2	2	2	2	2	2
Average	4	4.99	3.56	13.44	16.11	6.10	8.98	8.07	24.77	3.33
St. Dev.		8.26	2.50	1.48	10.60	5.60	3.50	9.53	25.97	6.18
% RSD		166	70	11	66	90	39	146	105	186
Min		0.00	1.78	11.50	7.83	1.43	7.10	0.00	8.36	0.00
Max		17.33	7.18	14.63	30.40	14.10	14.17	30.34	62.50	12.58
n	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	4.40	2.17	9.51	21.20	7.37	2.73	11.30	37.88	5.10
4/30/92-5,1-B	5	0.35	3.85	16.46	16.54	6.30	14.76	4.61	17.07	0.00
Average	5	2.37	3.01	12.99	18.87	6.84	8.75	8.00	27.48	2.55
St. Dev.		2.86	1.19	4.91	3.30	0.60	8.50	4.79	14.75	3.61
% RSD		121	39	38	17	10	97	60	54	141
Min		0.35	2.17	9.51	16.54	6.30	2.73	4.61	17.07	0.00
Max		4.40	3.85	16.46	21.20	7.37	14.76	11.30	37.88	5.10
n	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	1.46	3.24	17.21	17.93	7.00	13.16	3.66	19.52	0.00
4/30/92-5,2-B	5	0.04	4.20	18.14	17.23	6.96	17.30	2.96	18.72	0.00
Average	5	0.75	3.72	17.68	17.58	6.98	15.23	3.31	19.12	0.00
St. Dev.		1.00	0.68	0.66	0.49	0.03	2.93	0.49	0.57	0.00
% RSD		134	18	4	3	0	19	15	3	#DIV/0!
Min		0.04	3.24	17.21	17.23	6.96	13.16	2.96	18.72	0.00
Max		1.46	4.20	18.14	17.93	7.00	17.30	3.66	19.52	0.00
n	2	2	2	2	2	2	2	2	2	2
Average	5	1.56	3.38	15.33	18.23	6.91	11.99	[illegible]	23.30	1.28
St. Dev.		1.98	0.92	3.94	2.06	0.41	6.40	3.86	9.83	2.55
% RSD		127	27	26	11	6	53	69	42	199
Min		0.04	2.17	9.51	16.54	6.30	2.73	2.96	17.07	0.00
Max		4.40	4.20	18.14	21.20	7.37	17.30	11.30	37.88	5.10
n	4	4	4	4	4	4	4	4	4	4

PER PES	Dynastan^2	CB153, ng/g	CB105, ng/g	CB156, ng/g	CB206, ng/g	CB167, ng/g	CB170, ng/g	CB189, ng/g	CB180, ng/g	CB179, ng/g
4/27/93-0,0	2									
4/28/93-0,0	0	0.00	10.04	20.53	0.00	1.84	2.67	0.00	0.70	179.02
4/29/93-0,0	0									
4/30/93-0,0	0	19.05	33.21	0.00	54.20	1.41	11.05	0.00	30.61	0.00
Average	0	9.53	21.63	14.33	27.15	1.64	6.86	0.00	15.31	89.51
St. Dev.		13.47	16.38	20.26	38.39	0.33	5.91	0/0	21.64	127.01
% RSD		141	76	141	141	19	86	#DIV/0!	141	141
Min		0.00	10.04	0.00	0.00	1.41	2.67	0.00	0.00	0.00
Max		19.05	33.21	28.61	54.20	1.84	11.05	0.00	30.61	179.02
n	4	2	2	2	2	2	2	2	2	2
4/27/93-2,1-A	2									
4/27/93-2,1-B	2	28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
Average	2	28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
Max		28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
n	2	2	2	2	2	2	2	2	2	2
4/27/93-2,2-A	2									
4/27/93-2,2-B	2									
Average	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	0	0	0	0	0	0	0	0	0
Average	2	28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
Max		28.38	10.15	24.87	0.00	13.99	13.14	5.88	13.11	35.28
n	4	1	1	1	1	1	1	1	1	1
4/28/93-3,1-A	3	20.51	5.61	17.17	0.00	9.58	2.84	1.47	13.15	0.00
4/29/93-3,1-B	3	53.02	9.54	34.33	0.00	19.91	7.47	3.68	25.05	15.23
Average	3	36.77	7.58	27.75	0.00	14.75	5.16	2.58	19.10	7.62
St. Dev.		22.99	2.78	14.06	0.00	7.30	3.27	1.15	8.91	10.77
% RSD		63	37	51	#DIV/0!	50	64	45	44	141
Min		20.51	5.61	17.17	0.00	9.58	2.84	1.47	13.15	0.00
Max		53.02	9.54	34.33	0.00	19.91	7.47	3.68	25.05	15.23
n	2	2	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	23.09	5.90	17.70	1.08	10.64	3.44	2.01	13.11	61.55
4/28/93-3,2-B	3	28.18	15.51	20.66	3.13	12.49	0.30	2.38	26.38	0.00
Average	3	25.64	10.71	19.18	2.05	11.57	1.88	2.19	19.75	30.78
St. Dev.		3.60	6.80	6.34	1.37	1.36	2.16	0.25	9.38	43.53
% RSD		14	63	33	67	11	115	12	48	141
Min		23.09	5.90	17.70	1.08	10.64	0.30	2.01	13.11	0.00
Max		28.18	15.51	20.66	3.03	12.49	3.44	2.38	26.38	61.55
n	2	2	2	2	2	2	2	2	2	2
Average	3	28.38	9.54	24.87	1.48	13.16	3.84	2.23	19.48	19.38
St. Dev.		14.88	6.81	9.81	1.48	4.46	3.94	0.46	7.39	28.14
% RSD		48	89	49	139	38	83	20	38	183
Min		20.51	5.61	17.17	0.00	9.58	0.30	1.47	13.11	0.00
Max		53.02	15.51	34.33	3.03	19.91	7.47	3.68	26.38	61.55
n	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	13.48	4.46	10.96	0.00	5.20	1.79	0.63	6.30	3.32
4/29/93-4,1-B	4	32.87	5.48	23.16	0.00	12.98	4.38	1.71	14.46	1.53
Average	4	23.04	4.96	17.07	0.00	9.14	3.19	1.17	10.63	2.38
St. Dev.		13.63	0.70	8.61	0.00	5.44	1.97	0.76	5.70	1.30
% RSD		59	14	50	#DIV/0!	60	62	66	54	55
Min		13.48	4.46	10.96	0.00	5.20	1.79	0.63	6.30	1.53
Max		32.87	5.48	23.16	0.00	12.98	4.38	1.71	14.46	3.23
n	2	2	2	2	2	2	2	2	2	2
4/28/93-4,2-A	4	38.06	20.25	41.33	7.80	22.57	7.74	4.04	23.19	1.77
4/28/93-4,2-C	4	14.37	4.48	11.42	0.00	6.34	2.18	1.18	7.35	0.00
Average	4	26.71	16.86	26.47	3.90	14.46	4.96	2.61	15.27	0.89
St. Dev.		17.46	17.00	20.20	5.36	11.46	3.80	2.00	10.70	1.26
% RSD		65	101	80	138	79	79	77	70	141
Min		14.37	4.48	11.42	0.00	6.34	2.18	1.18	7.35	0.00
Max		38.06	29.25	41.52	7.80	22.57	7.74	4.04	23.19	1.77
n	2	2	2	2	2	2	2	2	2	2
Average	4	26.87	16.86	31.77	1.90	11.80	4.87	2.89	13.10	1.63
St. Dev.		13.16	13.38	14.32	3.80	7.86	2.74	1.90	7.38	1.38
% RSD		52	113	66	200	67	67	70	80	84
Min		13.48	4.46	10.96	0.00	5.20	1.79	0.63	6.30	0.00
Max		38.06	29.25	41.52	7.80	22.57	7.74	4.04	23.19	3.23
n	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	26.38	13.67	25.66	2.75	11.76	3.68	2.23	16.17	4.54
4/30/93-5,1-B	5	25.27	9.27	20.76	0.00	10.48	3.91	1.64	13.65	3.75
Average	5	25.83	11.47	23.21	1.37	11.13	3.27	1.93	14.91	4.15
St. Dev.		0.78	3.11	3.47	1.94	0.92	0.31	0.64	3.29	0.56
% RSD		3	27	15	141	8	10	37	39	13
Min		25.27	9.27	20.76	0.00	10.48	3.63	1.64	13.65	3.75
Max		26.38	13.67	25.66	2.75	11.76	3.91	2.23	16.17	4.54
n	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	31.36	6.84	23.18	0.00	10.97	4.37	2.30	13.74	1.66
4/30/93-5,2-B	5	31.54	6.88	23.76	0.36	10.97	4.35	1.44	13.91	1.66
Average	5	31.45	6.86	23.47	0.18	10.97	4.36	1.87	14.84	4.66
St. Dev.		0.13	0.04	0.41	0.25	0.00	0.01	0.75	1.31	1.41
% RSD		0	1	2	141	1	2	38	9	30
Min		31.36	6.84	23.16	0.00	10.97	4.36	1.44	13.91	1.66
Max		31.54	6.84	23.76	0.36	10.97	4.37	2.30	15.76	1.66
n	2	2	2	2	2	2	2	2	2	2
Average	5	28.64	9.39	23.34	0.76	11.80	3.79	2.10	16.37	4.40
St. Dev.		3.38	3.59	3.93	1.38	0.91	0.89	0.67	2.89	0.93
% RSD		11	38	9	170	8	23	28	14	21
Min		25.27	6.88	20.76	0.00	10.48	3.63	1.44	13.65	3.66
Max		31.54	13.67	25.66	2.75	11.76	4.37	2.23	16.17	4.54
n	4	4	4	4	4	4	4	4	4	4

PER PES	Dyne/cm^2	CB153, ng/g	CB206, ng/g	CB209, ng/g	CB sum, ng/g	HCB, ng/g	HEPT, ng/g	ALDRIN, ng/g	OP DDE, ng/g	DIELDRIN, ng/g
4/27/93-4,0	0					1464.21	0.00	0.00	0.00	0.00
4/28/93-0,3	0	4.47	0.00	0.00	420.31	4.65	6.49	85.51	246.22	0.00
4/28/93-0,5	0					2.79	7.05	363.01	0.00	0.00
4/28/93-0,8	0	1.35	0.00	37.89	1479.27	193.16	0.00	0.00	0.00	1.87
Average	0	2.89	0.00	18.95	949.79	415.85	3.43	86.50	6.86	0.96
St. Dev.		2.22	0.00	26.79	748.79	704.46	2.96	123.62	13.51	1.64
% RSD		77	#DIV/0!	141	79	169	136	143	200	200
Min		1.35	0.00	0.00	420.31	2.79	0.00	0.00	0.00	0.00
Max		4.47	0.00	37.89	1479.27	1464.21	7.48	363.01	26.22	3.87
n	4	3	3	2	2	4	4	4	4	4
4/27/93-2,1-A	2					97.57	0.00	434.05	577.51	317.86
4/27/93-2,1-B	2	11.05				0.00	1.33	0.00	0.00	0.00
Average	2	11.05	#DIV/0!	#DIV/0!	264.00	48.79	0.67	217.44	288.76	158.93
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	68.99	0.87	307.51	408.37	224.76
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	141	141	141	141
Min		11.05	0.00	0.00	264.00	0.00	0.00	0.00	0.00	0.00
Max		11.05	0.00	0.00	264.00	97.57	1.33	434.05	577.51	317.86
n	2	1	0	0	1	2	2	2	2	2
4/27/93-2,3-A	2					1.30	0.00	13.05	3.92	10.40
4/27/93-2,3-B	2					0.00	0.00	0.00	0.00	0.00
Average	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.72	0.00	6.54	1.96	5.20
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.86	0.00	9.25	2.77	7.36
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	#DIV/0!	141	141	141
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	1.30	0.00	13.05	3.92	10.40
n	2	0	0	0	0	2	2	2	2	2
Average	2	11.05	#DIV/0!	#DIV/0!	264.00	24.77	0.34	111.14	145.36	83.97
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	46.84	0.48	205.33	288.11	157.37
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	190	200	185	198	188
Min		11.05	0.00	0.00	264.00	0.00	0.00	0.00	0.00	0.00
Max		11.05	0.00	0.00	264.00	97.57	1.33	434.05	577.51	317.86
n	4	1	0	0	1	4	4	4	4	4
4/28/93-3,1-A	3	1.84	3.36	10.40	127.91	0.00	0.00	0.00	3.78	1.88
4/28/93-3,1-B	3	9.13	14.41	23.33	379.68	0.57	0.00	0.00	0.00	7.73
Average	3	6.49	8.89	16.86	253.80	0.29	0.00	0.00	1.89	4.71
St. Dev.		3.74	7.67	9.01	178.33	0.40	0.00	0.00	4.16	4.28
% RSD		58	86	53	69	141	#DIV/0!	#DIV/0!	141	91
Min		1.84	3.36	10.40	127.91	0.00	0.00	0.00	0.00	1.88
Max		9.13	14.41	23.33	379.68	0.57	0.00	0.00	0.00	7.73
n	2	2	2	2	2	2	2	2	2	2
4/28/93-3,3-A	3	1.48	7.16	12.86	234.87	0.51	0.75	2.13	0.00	2.96
4/28/93-3,3-B	3	9.91	19.61	33.13	319.20	0.30	3.01	0.00	6.91	2.83
Average	3	7.70	13.38	17.49	277.03	4.51	1.88	1.07	3.46	2.89
St. Dev.		3.13	8.88	6.66	66.77	8.48	1.62	1.51	4.89	0.20
% RSD		41	66	37	26	126	86	141	141	13
Min		5.48	7.16	13.86	234.87	0.51	0.75	0.00	0.00	2.96
Max		9.91	19.61	33.13	319.20	8.50	3.01	2.13	6.91	2.83
n	2	2	2	2	2	2	2	2	2	2
Average	3	7.80	11.16	17.17	266.83	2.40	0.84	0.53	3.20	3.66
St. Dev.		3.96	7.39	6.44	146.04	4.46	1.45	1.07	3.72	2.76
% RSD		48	64	37	42	170	157	200	116	76
Min		3.84	3.86	10.60	127.90	0.00	0.00	0.00	0.00	1.88
Max		9.91	19.61	33.13	379.68	8.50	3.01	2.13	6.91	7.73
n	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	2.26	1.81	5.74	102.66	0.06	0.36	0.00	4.51	1.88
4/28/93-4,1-B	4	6.84	10.58	14.16	225.10	0.70	0.91	0.00	9.83	4.70
Average	4	4.55	6.20	9.95	163.89	0.38	0.63	0.00	7.17	3.29
St. Dev.		3.24	6.20	6.26	87.16	0.45	0.49	0.00	3.76	2.14
% RSD		71	98	63	53	119	63	#DIV/0!	52	67
Min		2.26	1.81	5.74	102.66	0.06	0.36	0.00	4.51	1.88
Max		6.84	10.58	14.16	225.10	0.70	0.91	0.00	9.83	4.70
n	2	2	2	2	2	2	2	2	2	2
4/28/93-4,2-A	4	9.89	17.07	23.51	440.86	0.72	0.96	0.00	5.79	4.44
4/28/93-4,2-B	4	4.13	4.42	7.26	114.66	0.14	0.43	2.00	0.00	1.76
Average	4	6.51	10.75	14.89	277.76	0.44	0.69	1.00	2.90	3.10
St. Dev.		4.00	8.84	12.77	263.09	0.41	0.38	1.41	4.10	1.90
% RSD		57	83	73	88	96	126	141	141	61
Min		4.13	4.42	7.26	114.66	0.14	0.43	0.00	0.00	1.76
Max		9.89	17.07	23.51	440.86	0.72	0.96	2.00	5.79	4.44
n	2	2	2	2	2	2	2	2	2	2
Average	4	5.76	8.26	13.43	226.97	0.48	2.16	0.50	5.01	3.15
St. Dev.		3.26	6.76	7.65	178.14	0.26	3.31	1.00	4.66	1.66
% RSD		57	82	57	77	55	148	200	93	53
Min		2.26	1.81	5.74	102.66	0.06	0.36	0.00	0.00	1.88
Max		9.89	17.07	23.51	440.86	0.72	0.96	2.00	9.83	4.70
n	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	9.98	15.46	23.28	394.99	2.87	1.74	0.00	2.39	2.33
4/30/93-5,1-B	5	5.86	8.76	12.12	205.56	0.70	2.98	0.00	1.72	4.75
Average	5	7.92	12.11	17.70	300.78	1.78	2.36	0.00	2.06	3.55
St. Dev.		2.90	4.74	7.55	98.78	1.53	0.84	0.00	0.47	1.70
% RSD		44	39	43	34	86	40	#DIV/0!	23	48
Min		5.86	8.76	12.12	205.56	0.70	0.98	0.00	1.72	2.33
Max		9.98	15.46	23.28	394.99	2.87	1.74	0.00	2.39	4.79
n	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	5.62	9.26	11.80	226.62	0.57	0.00	0.00	9.85	5.68
4/30/93-5,2-B	5	5.25	9.16	13.64	238.88	0.84	0.73	0.00	10.67	5.13
Average	5	5.34	9.20	12.67	232.75	0.61	0.37	0.00	10.26	5.32
St. Dev.		0.13	0.08	1.36	8.85	0.20	0.53	0.00	0.58	0.23
% RSD		2	1	11	4	33	141	#DIV/0!	6	4
Min		5.25	9.16	11.80	226.62	0.57	0.00	0.00	9.85	5.13
Max		5.43	9.25	13.64	238.88	0.84	0.73	0.00	10.67	5.68
n	2	2	2	2	2	2	2	2	2	2
Average	5	6.33	10.62	14.93	298.36	1.19	0.86	0.00	6.16	4.43
St. Dev.		2.17	3.36	4.97	36.16	1.13	0.73	0.00	4.76	1.44
% RSD		34	32	33	12	95	85	#DIV/0!	77	33
Min		5.96	8.76	11.80	205.56	0.57	0.00	0.00	1.72	2.33
Max		9.98	15.46	23.28	394.99	2.87	1.7	0.00	10.67	5.68
n	4	4	4	4	4	4		4	4	4

PER PES	[illegible]^2	PP'DDE, ng/g	OP'DDD, ng/g	PP'DDD, ng/g	OP'DDT, ng/g	MIREX, ng/g	NAP, ng/g	2mN, ng/g	1MN, ng/g	BIP, ng/g	DMN, ng/g
4/27/92-0,0	0	0.00	0.00	0.00	0.00	1111.86	0.0	0.0	0.0	0.0	0.0
4/28/92-0,0	0	0.00	0.00	0.00	0.00	12.20	0.0	0.0	0.0	0.0	0.0
4/29/92-0,0	0	0.00	0.00	0.00	0.00	5.19	0.0	0.0	0.0	218.8	0.0
4/30/92-0,0	0	0.00	59.25	0.00	0.00	0.86	0.0	0.0	0.0	0.0	0.0
Average	0	0.00	14.81	0.00	0.00	287.34	0.00	0.00	0.00	54.71	0.00
St. Dev.		0.00	29.63	0.00	0.00	549.03	0.00	0.00	0.00	109.41	0.00
% RSD		#DIV/0!	200	#DIV/0!	#DIV/0!	191	#DIV/0!	#DIV/0!	#DIV/0!	200	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00
Max		0.00	59.25	0.00	0.00	1111.86	0.00	0.00	0.00	218.83	0.00
n	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2	324.61	0.00	0.00	0.00	731.00	0.0	0.0	0.0	275.1	103.5
4/27/92-2,1-B	2	12.57	0.00	0.00	0.00	5.91	793.0	0.0	0.0	1059.6	954.1
Average	2	168.59	0.00	0.00	0.00	368.46	396.64	0.00	0.00	667.37	528.81
St. Dev.		220.77	0.00	0.00	0.00	512.76	560.84	0.00	0.00	554.71	600.33
% RSD		131	#DIV/0!	#DIV/0!	#DIV/0!	139	141	#DIV/0!	#DIV/0!	83	114
Min		12.57	0.00	0.00	0.00	5.91	0.00	0.00	0.00	275.13	103.54
Max		324.61	0.00	0.00	0.00	731.00	793.29	0.00	0.00	1059.61	954.08
n	2	2	2	2	2	2	2	2	2	2	2
4/27/92-2,2-A	2	10.79	0.00	0.00	0.00	0.00					
4/27/92-2,2-B	2	12.99	0.78	0.00	0.00	113.04	0.0	0.3	0.6	600.3	104.5
Average	2	11.89	0.00	0.00	0.00	56.52	0.00	0.30	0.62	600.30	104.54
St. Dev.		1.56	0.00	0.00	0.00	79.93	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		13	#DIV/0!	#DIV/0!	#DIV/0!	141	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		10.79	0.00	0.00	0.00	0.00	0.00	0.00	0.62	600.30	104.54
Max		12.99	0.00	0.00	0.00	113.04	0.00	0.00	0.62	600.30	104.54
n	2	2	2	2	2	2	1	1	1	1	1
Average	2	140.24	0.00	0.00	0.00	212.61	264.43	0.09	0.00	648.41	387.46
St. Dev.		206.28	0.00	0.00	0.00	348.60	457.84	0.00	0.00	394.14	491.96
% RSD		147	#DIV/0!	#DIV/0!	#DIV/0!	164	173	#DIV/0!	#DIV/0!	61	127
Min		10.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	275.13	103.54
Max		324.61	0.00	0.00	0.00	731.00	793.29	0.00	0.00	1059.61	954.08
n	4	4	4	4	4	4	3	3	3	3	3
4/28/92-3,1-A	3	5.60	0.00	0.00	0.00	0.00	319.7	57.1	0.0	190.2	205.2
4/28/92-3,1-B	3	18.70	0.00	0.00	0.00	2.89	415.6	216.4	0.0	130.5	0.0
Average	3	12.15	0.00	0.00	0.00	1.45	367.64	136.77	0.00	160.36	102.63
St. Dev.		9.26	0.00	0.00	0.00	2.04	67.77	112.66	0.00	42.20	145.10
% RSD		76	#DIV/0!	#DIV/0!	#DIV/0!	141	18	82	#DIV/0!	26	141
Min		5.60	0.00	0.00	0.00	0.00	319.71	57.12	0.00	130.50	0.00
Max		18.70	0.00	0.00	0.00	2.89	415.56	216.43	0.00	190.20	205.27
n	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	6.30	0.00	0.00	0.00	12.77	0.0	215.7	1.7	155.3	218.7
4/28/92-3,2-B	3	19.90	8.84	4.36	0.00	2.30	0.0	0.0	0.0	0.0	0.0
Average	3	13.10	4.42	2.18	0.00	7.54	0.00	107.85	0.87	77.64	109.34
St. Dev.		9.62	6.25	3.08	0.00	7.34	0.00	152.52	1.23	109.80	154.66
% RSD		73	141	141	#DIV/0!	97	#DIV/0!	141	141	141	141
Min		6.30	0.00	0.00	0.00	2.30	0.00	0.00	0.00	0.00	0.00
Max		19.90	8.84	4.36	0.00	12.77	0.00	215.70	1.75	155.28	218.69
n	2	2	2	2	2	2	2	2	2	2	2
Average	3	12.64	2.21	1.09	0.00	4.51	183.82	122.31	0.44	118.76	105.98
St. Dev.		7.71	4.42	2.18	0.00	5.68	215.38	110.74	0.87	84.14	122.76
% RSD		61	200	200	#DIV/0!	126	117	91	200	69	116
Min		5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		19.90	8.84	4.36	0.00	12.77	415.56	216.43	1.75	190.20	218.69
n	4	4	4	4	4	4	4	4	4	4	4
4/29/92-4,1-A	4	5.84	0.00	0.00	0.00	0.12	406.0	354.7	44.1	177.2	141.1
4/29/92-4,1-B	4	0.00	0.00	4.41	0.00	0.35	566.0	390.0	164.9	229.1	228.5
Average	4	2.92	0.00	2.21	0.00	0.23	[illegible]	396.06	104.49	203.18	184.76
St. Dev.		4.13	0.00	3.12	0.00	0.16	50.64	87.98	85.40	36.47	61.91
% RSD		141	#DIV/0!	141	#DIV/0!	66	9	30	82	20	35
Min		0.00	0.00	0.00	0.00	0.12	404.81	334.45	44.11	177.22	141.07
Max		5.84	0.00	4.41	0.00	0.35	565.76	397.41	164.86	253.14	228.46
n	2	2	2	2	2	2	2	2	2	2	2
4/29/92-4,2-A	4	28.30	12.94	15.94	0.00	2.87	160.9	0.0	0.0	12.8	43.8
4/29/92-4,2-B	4	0.00	0.00	0.00	0.00	0.05	534.9	246.3	122.4	169.0	170.7
Average	4	14.15	6.47	7.97	0.00	1.46	347.90	123.13	61.20	90.89	107.25
St. Dev.		20.01	9.15	11.27	0.00	2.00	264.88	174.13	86.56	110.41	90.68
% RSD		141	141	141	#DIV/0!	137	76	141	141	121	85
Min		0.00	0.00	0.00	0.00	0.05	160.86	0.00	0.00	12.83	43.80
Max		28.30	12.94	15.94	0.00	2.87	534.93	246.26	122.40	169.06	170.68
n	2	2	2	2	2	2	2	2	2	2	2
Average	4	8.79	3.24	5.09	0.00	0.84	440.66	260.59	83.35	148.84	146.98
St. Dev.		13.06	6.47	7.33	0.00	1.36	161.76	180.81	74.58	95.43	76.07
% RSD		149	200	144	#DIV/0!	161	43	71	90	64	52
Min		0.00	0.00	0.00	0.00	0.05	160.86	0.00	0.00	12.83	43.80
Max		28.30	12.94	15.94	0.00	2.87	565.76	397.41	164.86	253.14	228.46
n	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	16.33	7.06	4.20	3.25	1.32	6.5	0.0	0.0	10.3	30.3
4/30/92-5,1-B	5	13.06	0.00	0.00	0.00	0.57	299.6	143.1	75.0	142.2	199.9
Average	5	14.69	3.53	2.10	1.62	0.95	153.07	71.54	37.48	76.32	114.99
St. Dev.		2.30	4.99	2.97	2.30	0.46	207.28	101.17	53.00	93.35	119.70
% RSD		16	141	141	141	51	135	141	141	122	104
Min		13.06	0.00	0.00	0.00	0.57	6.50	0.00	0.00	10.34	30.34
Max		16.33	7.06	4.20	3.25	1.32	299.64	143.07	74.95	142.16	199.94
n	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	14.28	0.00	0.00	0.00	0.00	535.9	217.0	87.6	106.3	172.1
4/30/92-5,2-B	5	15.54	0.00	0.00	0.00	0.21	516.8	228.3	68.9	283.5	175.7
Average	5	14.91	0.00	0.00	0.00	0.11	526.36	222.66	78.26	194.90	173.91
St. Dev.		0.89	0.00	0.00	0.00	0.15	13.54	7.98	13.22	125.34	2.55
% RSD		6	#DIV/0!	#DIV/0!	#DIV/0!	141	3	4	17	64	1
Min		14.28	0.00	0.00	0.00	0.00	516.80	216.98	68.91	106.27	172.11
Max		15.54	0.00	0.00	0.00	0.21	535.37	228.26	87.60	283.54	175.71
n	2	2	2	2	2	2	2	2	2	2	2
Average	5	14.80	1.77	1.05	0.81	0.53	339.56	147.10	57.86	135.61	144.38
St. Dev.		1.44	3.53	2.10	1.62	0.54	246.48	112.88	38.28	[illegible]	77.45
% RSD		10	200	200	200	107	73	71	66	[illegible]	54
Min		13.06	0.00	0.00	0.00	0.00	6.50	0.00	0.00	10.34	30.34
Max		16.33	7.06	4.20	3.25	1.32	535.37	228.26	87.60	283.54	199.94
n	4	4	4	4	4	4	4	4	4	4	4

PER 7ES	Dyne/cm^2	ACL, ng/s	ACT, ng/s	TTHN, ng/s	FLU, ng/s	PHE, ng/s	ANT, ng/s	1MP, ng/s	FLA, ng/s	PYR, ng/s	BAA, ng/s	CHR, ng/s
4/27/93-3,0	0	0.0	0.0	0.0	2634.4	0.0	0.0	2689.9	2874.1	0.0	7402.6	0.0
4/28/93-3,0	0	0.0	0.0	0.0	756.0	0.0	47.9	0.0	1654.9	734.4	0.0	0.0
4/29/93-3,0	0	0.0	0.0	0.0	0.0	0.0	75.3	453.2	904.4	881.5	326.4	379.0
4/30/93-3,0	0	0.0	0.0	0.0	0.0	1411.4	436.1	0.0	2877.7	2448.0	1067.2	669.7
Average	0	0.00	0.00	0.00	838.85	362.84	345.85	773.28	1977.77	976.34	1264.66	262.18
St. Dev.		0.00	0.00	0.00	1341.68	705.68	203.28	1263.01	1138.89	1001.14	1430.48	306.16
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	160	200	59	163	58	102	120	124
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	904.37	0.00	0.00	0.00
Max		0.00	0.00	0.00	3634.01	1411.36	473.86	3638.87	3877.72	2448.68	3698.64	669.68
n	4	4	4	4	4	4	4	4	4	4	4	4
4/27/93-3,1-A	1	0.0	0.0	0.0	83.9	178.8	115.3	71.1	2691.9	2041.5	594.9	1134.4
4/27/93-3,1-B	1	0.0	0.0	0.0	182.5	547.5	115.3	151.1	2816.5	1928.6	948.8	1102.2
Average	1	0.00	0.00	0.00	133.18	363.15	115.30	111.11	2754.24	1985.04	771.86	1118.36
St. Dev.		0.00	0.00	0.00	69.48	260.48	0.00	56.48	477.88	716.38	326.49	23.78
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	52	72	0	85	20	39	44	2
Min		0.00	0.00	0.00	83.94	178.84	115.27	71.16	2644.88	1928.86	594.87	1102.27
Max		0.00	0.00	0.00	182.46	547.46	115.34	151.11	2891.94	2041.94	948.88	1134.38
n	2	2	2	2	2	2	2	2	2	2	2	2
4/27/93-3,2-A	2	0.0	0.0	0.0	133.6	382.8	85.2	184.8	1399.1	1188.8	433.8	1118.4
4/27/93-3,2-B	2	0.0	0.0	0.0	48.7	451.7	118.7	42.9	2122.7	2289.6	254.9	1125.7
Average	2	0.00	0.00	0.00	91.18	417.24	101.96	113.84	1760.88	1934.72	344.36	1122.08
St. Dev.		0.00	0.00	0.00	60.88	48.88	23.64	100.36	520.88	457.18	126.48	5.28
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	66	12	23	88	30	25	37	0
Min		0.00	0.00	0.00	48.74	382.84	85.28	42.88	1360.88	1888.84	264.88	1118.37
Max		0.00	0.00	0.00	138.48	481.66	118.68	184.76	2122.68	2288.68	433.77	1126.72
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	1	0.00	0.00	0.00	112.18	388.18	108.68	114.98	2047.88	2184.88	388.66	1128.18
St. Dev.		0.00	0.00	0.00	58.34	126.34	15.87	68.28	546.46	578.13	202.46	13.66
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	52	40	14	60	27	26	55	1
Min		0.00	0.00	0.00	48.74	178.84	85.28	42.88	1360.88	1888.84	264.88	1118.37
Max		0.00	0.00	0.00	182.46	547.46	118.68	184.76	2688.84	2888.84	948.88	1134.38
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/93-3,1-A	3	0.0	0.0	0.0	141.7	348.6	138.6	118.8	1883.0	1886.5	711.0	1238.7
4/28/93-3,1-B	3	0.0	0.0	0.0	183.2	383.0	142.6	88.6	2281.8	2884.8	388.8	1313.3
Average	3	0.00	0.00	0.00	162.44	365.88	140.13	98.67	2088.39	2185.38	654.83	1276.01
St. Dev.		0.00	0.00	0.00	27.34	24.38	13.88	27.36	488.88	383.48	79.87	38.73
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	22	4	8	18	26	18	12	3
Min		0.00	0.00	0.00	188.18	348.63	142.64	88.38	1883.87	1886.46	388.86	1313.87
Max		0.00	0.00	0.00	148.78	388.88	138.68	118.84	2238.88	2883.86	711.84	1338.74
n	3	3	3	3	3	3	3	3	3	3	3	3
4/28/93-3,2-A	3	0.0	0.0	0.0	84.2	313.1	148.8	84.8	1734.3	1828.6	562.8	948.4
4/28/93-3,2-B	3	0.0	0.0	0.0	3.5	448	28.4	14.8	2888.8	488.7	188.4	278.7
Average	3	0.00	0.00	0.00	44.87	388.88	88.66	49.27	1317.38	1888.88	388.66	618.83
St. Dev.		0.00	0.00	0.00	88.44	288.78	88.88	48.88	873.88	787.87	387.87	487.66
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	134	118	94	199	78	78	99	79
Min		0.00	0.00	0.00	8.83	48.88	28.37	14.88	888.84	488.68	188.38	278.78
Max		0.00	0.00	0.00	84.24	813.18	148.78	88.88	1734.83	1888.88	848.88	948.38
n	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	0.00	0.00	0.00	88.66	488.88	118.88	73.87	1884.84	1887.88	488.87	884.87
St. Dev.		0.00	0.00	0.00	87.34	288.18	88.88	88.88	728.74	888.88	288.38	488.38
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	88	88	78	84	88	88	88	88
Min		0.00	0.00	0.00	8.83	88.88	28.37	14.88	888.84	888.88	188.38	278.78
Max		0.00	0.00	0.00	148.78	888.88	188.88	128.84	2238.88	2888.88	718.88	1388.74
n	4	4	4	4	4	4	4	4	4	4	4	4
4/29/93-4,1-A	4	5.4	0.0	0.0	88.0	258.2	188.7	101.6	1881.5	1284.0	332.5	794.3
4/29/93-4,1-B	4	3.8	0.0	0.0	88.1	388.1	178.1	94.3	1118.4	1148.8	488.4	888.7
Average	4	4.80	0.00	0.00	78.88	328.88	188.38	97.84	1188.88	1197.97	488.48	744.88
St. Dev.		1.13	0.00	0.00	18.88	87.86	7.88	5.38	97.88	78.88	88.88	68.78
% RSD		38	#DIV/0!	#DIV/0!	28	7	4	8	8	7	18	9
Min		3.78	0.00	0.00	88.88	288.18	178.88	94.37	1118.44	1148.88	488.78	688.66
Max		8.38	0.00	0.00	88.88	388.34	188.78	188.48	1288.47	1388.88	888.88	794.37
n	2	2	2	2	2	2	2	2	2	2	2	2
4/28/93-4,2-A	4	24.8	0.0	0.0	75.8	484.4	184.8	88.8	2382.1	2288.8	511.8	948.3
4/28/93-4,2-B	4	3.5	0.0	0.0	97.3	511.5	197.3	99.3	1288.4	1148.8	288.8	788.1
Average	4	13.78	0.00	0.00	88.88	487.88	191.88	94.88	1788.74	1788.48	888.88	887.18
St. Dev.		14.47	0.00	0.00	14.88	88.87	8.77	37.77	711.84	718.87	8.48	128.88
% RSD		188	#DIV/0!	#DIV/0!	18	18	8	38	48	48	1	18
Min		3.88	0.00	0.00	78.78	888.48	188.88	88.88	1288.48	1188.47	488.88	788.88
Max		28.88	0.00	0.00	97.28	884.38	197.38	98.38	2888.88	2288.38	888.88	948.38
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	9.17	0.00	0.00	88.88	548.88	188.74	88.88	1478.88	1487.18	888.18	888.87
St. Dev.		8.84	0.00	0.00	18.87	46.48	8.88	18.44	888.77	88.8.47	38.88	188.88
% RSD		188	#DIV/0!	#DIV/0!	28	8	8	22	36	28	6	13
Min		2.88	0.00	0.00	88.88	888.88	178.88	88.88	1118.44	1148.88	448.88	888.88
Max		28.88	0.00	0.00	97.28	884.38	197.38	188.48	2848.88	2288.38	888.88	948.38
n	4	4	4	4	4	4	4	4	4	4	4	4
4/30/93-3,1-A	5	2.1	0.0	0.0	88.6	484.5	187.8	88.7	1122.2	1118.8	488.1	788.8
4/30/93-3,1-B	5	88.1	0.0	0.0	78.8	878.1	188.8	88.8	1288.8	1288.8	588.8	788.8
Average	5	88.88	0.00	0.00	88.78	888.38	178.87	88.88	1187.88	1188.88	488.88	788.88
St. Dev.		88.88	0.00	0.00	88.88	87.78	18.88	88.88	88.18	88.78	78.88	18.88
% RSD		187	#DIV/0!	#DIV/0!	88	11	11	88	8	8	18	8
Min		2.18	0.00	0.00	88.88	888.88	187.88	88.87	1188.18	1188.88	488.18	788.87
Max		88.88	0.00	0.00	88.88	878.11	188.88	88.88	1288.88	1288.88	888.88	788.88
n	2	2	2	2	2	2	2	2	2	2	2	2
4/30/93-3,2-A	5	0.0	0.0	0.0	48.8	488.8	188.8	88.6	971.8	1048.8	888.4	888.8
4/30/93-3,2-B	5	18.8	0.0	0.0	88.8	884.8	184.8	81.1	1288.8	1288.8	488.8	788.8
Average	5	9.88	0.00	0.00	84.88	488.88	187.88	88.88	1188.88	1188.88	488.14	888.88
St. Dev.		18.88	0.00	0.00	7.77	88.88	88.77	1.88	188.88	887.88	88.88	88.88
% RSD		181	#DIV/0!	#DIV/0!	14	8	88	8	17	14	8	14
Min		0.00	0.00	0.00	48.88	884.87	188.87	88.88	971.88	1048.88	888.88	888.88
Max		18.77	0.00	0.00	88.88	888.88	184.88	88.88	1288.88	1288.88	488.88	788.88
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	10.74	0.00	0.00	88.84	472.11	184.88	88.74	1127.88	1148.88	488.84	877.72
St. Dev.		11.88	0.00	0.00	13.78	88.88	88.78	17.84	128.88	188.88	88.88	78.88
% RSD		188	#DIV/0!	#DIV/0!	88	17	88	88	11	8	14	18
Min		0.00	0.00	0.00	48.88	884.87	188.87	88.88	971.88	1048.88	888.88	888.88
Max		88.88	0.00	0.00	88.88	878.11	188.88	88.88	1288.88	1288.88	888.88	788.88
n	4	4	4	4	4	4	4	4	4	4	4	4

PES PES	Dynes/cm^2	BBP, ng/g	BAP, ng/g	BEP, ng/g	BAP, ng/g	PER, ng/g	BNP, ng/g	DBA, ng/g	BPE, ng/g	Σ PAHs, ng/g	[illegible]	Avg Diameter, µ
4/27/93-2,0	0	13319.2	4972.7	7760.7	4548.9	1388[illegible]	0.0	0.0	0.0	3644[illegible]	77	0.0[illegible]
4/28/93-2,0	0	997.6	1165.1	1488.5	0.0	0.0	0.0	0.0	0.0	7251.4	82	0.0[illegible]
4/28/93-2,0	0	1088.4	1165.3	773.5	783.4	243.6	0.0	0.0	242.1	6793.1	89	0.0[illegible]
4/30/93-2,0	0	4536.9	1788.1	4634.4	3145.6	37119.8	31389.5	0.0	2897.2	[illegible]	94	0.0[illegible]
Average	0	4968.78	[illegible]	3664.37	2618.84	12883.84	7[illegible]	0.00	794.83	[illegible]	86.00	0.00
St. Dev.		5[illegible]	1[illegible]	3[illegible]	2[illegible]	17[illegible]	15[illegible]	0.00	1[illegible]	[illegible]	7.[illegible]	0.00
% RSD		117	83	87	99	136	200	#DIV/0!	180	59	9	39
Min		997.60	1165.10	773.48	0.00	0.00	0.00	0.00	0.00	[illegible]	77.00	0.00
Max		13319.18	4972.73	7760.73	[illegible]	37119.84	31389.84	0.00	2897.19	[illegible]	94.00	0.00
n	4	4	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2	1399.0	1282.7	2[illegible]	1154.3	74.0	223.5	0.0	22.5	[illegible]	78	0.0[illegible]
4/27/93-2,1-B	2	68.5	3[illegible]	0.0	737.3	92.4	96.5	0.0	21.0	14[illegible]	79	0.0[illegible]
Average	2	733.88	2[illegible]	1[illegible]	9[illegible]	[illegible]	1[illegible]	0.00	26.75	[illegible]	78.00	0.00
St. Dev.		9[illegible]	1[illegible]	1[illegible]	2[illegible]	13.48	[illegible]	0.00	2[illegible]	[illegible]	0.71	0.00
% RSD		128	66	141	36	16	96	#DIV/0!	95	39	1	12
Min		68.38	1[illegible]	0.00	737.34	73.96	96.46	0.00	22.47	[illegible]	76.00	0.00
Max		1[illegible]	3[illegible]	3[illegible]	1[illegible]	98.37	223.48	0.00	31.04	[illegible]	79.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2	2
4/27/93-2,2-A	2	1237.9	978.5	1310.5	917.8	33.1	325.6	0.0	402.1	[illegible]	80	0.0[illegible]
4/27/93-2,2-B	2	642.0	807.1	1417.9	9[illegible]			0.0	0.0	[illegible]	81	0.0[illegible]
Average	2	9[illegible]	8[illegible]	1[illegible]	[illegible]	33.13	[illegible]	0.00	[illegible]	[illegible]	80.00	0.00
St. Dev.		4[illegible]	[illegible]	[illegible]	6.64	#DIV/0!	#DIV/0!	0.00	[illegible]	[illegible]	0.71	0.00
% RSD		46	46	18	1	#DIV/0!	#DIV/0!	#DIV/0!	1[illegible]	3	1	0
Min		642.00	[illegible]	[illegible]	[illegible]	33.13	[illegible]	0.00	0.00	[illegible]	[illegible]	0.00
Max		1[illegible]	8[illegible]	1[illegible]	[illegible]	33.13	[illegible]	0.00	[illegible]	[illegible]	[illegible]	0.00
n	2	2	2	2	2	1	1	2	2	2	2	2
Average	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	[illegible]	[illegible]	[illegible]	0.00
% RSD		73	39	99	18	46	83	#DIV/0!	168	16	2	13
Min		[illegible]	[illegible]	0.00	[illegible]	[illegible]	[illegible]	0.00	[illegible]	[illegible]	[illegible]	[illegible]
Max		1[illegible]	3[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	0.00	[illegible]	[illegible]	[illegible]	[illegible]
n	4	4	4	4	4	3	3	4	4	4	4	4
4/28/93-3,1-A	3	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/28/93-3,1-B	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		24	1	4	4	15	3	73	7	7	1	7
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
n	3	3	3	3	3	3	3	3	3	3	3	3
4/28/93-3,2-A	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/28/93-3,2-B	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		93	82	91	94	20	78	137	67	[illegible]	1	19
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
% RSD		61	46	89	82	76	46	89	83	56	3	11
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	904.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/28/93-4,1-B	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		20	27	0	9	4	18	24	[illegible]	1	2	11
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	2	2	2	2	2	2	2	2	2	2	2	2
4/29/93-4,2-A	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/29/93-4,2-B	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		26	26	46	13	46	23	39	46	19	1	19
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		26	26	26	11	20	16	39	26	13	2	9
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	4	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/30/93-5,1-B	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		8	23	8	13	26	31	46	24	8	1	24
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	2	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
4/30/93-5,2-B	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0[illegible]
Average	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		10	3	7	18	12	5	14	7	9	1	24
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
St. Dev.		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00
% RSD		8	19	8	14	20	28	23	26	6	1	19
Min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Max		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
n	4	4	4	4	4	4	4	4	4	4	4	4

PBS PBS	Dyne/cm^2	C, mg	F, mg	M, mg	C, mg/s	M, mg/s	A, cm/s	0.3 μm (10-9 Ø) (fine clay) %	3.4 μm (9-8 Ø) (coarse clay) %	4.63 μm (8-4 Ø) (silt) %	63.50 μm (4-1.75 Ø) (silt to sand size) %	mm, %
4/27/93-4-0	0	0.032	0.018	0.005	23.333	20.000	5.916					0.00
4/28/93-4-0	0	0.033	0.022	0.005	11.579	16.842	2.632					0.00
4/28/93-4-0	0	0.046	0.014	0.006	26.471	8.235	2.941					0.00
4/30/93-4-0	0	0.034	0.006	0.007	28.750	15.441	2.673					0.00
Average	0	0.04	0.01	0.01	20.04	14.63	3.46	[illegible]/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00
St. Dev.		0.01	0.01	0.00	6.41	5.88	1.48	[illegible]/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00
% RSD		47	48	18	31	36	43	[illegible]/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.01	0.01	0.01	11.58	8.24	2.63	0.00	0.00	0.00	0.00	0.00
Max		0.05	0.04	0.01	26.47	20.00	5.26	0.00	0.00	0.00	0.00	0.00
n	4	4	4	4	4	4	4	0	0	0	0	0
4/27/93-2,1-A	2	0.091	0.038	0.013	34.074	10.370	4.815					0.00
4/27/93-2,1-B	2	0.087	0.030	0.013	37.826	12.174	5.652					0.00
Average	2	0.09	0.03	0.01	35.95	11.27	5.23	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		0.00	0.00	0.00	2.65	1.28	0.59	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		4	9	0	7	11	11	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.09	0.03	0.01	34.07	10.37	4.74	0.00	0.00	0.00	0.00	0.00
Max		0.09	0.03	0.01	37.83	12.17	5.65	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	0	0	0	0	0
4/27/93-2,2-A	2	0.124	0.043	0.015	38.750	13.438	4.888					0.00
4/27/93-2,2-B	2	0.085	0.041	0.012	33.929	14.643	4.286	0.00	1.92	78.20	19.88	100.00
Average	2	0.11	0.04	0.01	36.34	14.04	4.59	0.00	1.92	78.20	19.88	100.00
St. Dev.		0.03	0.00	0.00	3.41	0.85	0.30	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		19	3	16	9	6	6	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.10	0.04	0.01	33.93	13.44	4.29	0.00	1.92	78.20	19.88	100.00
Max		0.13	0.04	0.02	38.75	14.64	4.89	0.00	1.92	78.20	19.88	100.00
n	2	2	2	2	2	2	2	1	1	1	1	1
Average	2	0.10	0.04	0.01	36.34	13.66	4.86	0.00	1.92	78.20	19.88	100.00
St. Dev.		0.03	0.01	0.00	2.89	1.20	0.57	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00
% RSD		17	23	9	7	14	13	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00
Min		0.08	0.03	0.01	33.93	12.77	4.29	0.00	1.92	78.20	19.88	100.00
Max		0.13	0.04	0.02	38.75	14.64	5.45	0.00	1.92	78.20	19.88	100.00
n	4	4	4	4	4	4	4	1	1	1	1	1
4/28/93-3,1-A	3	0.253	0.090	0.020	46.000	16.364	5.273					0.00
4/28/93-3,1-B	3	0.207	0.091	0.033	38.333	14.918	5.410					0.00
Average	3	0.23	0.09	0.03	42.17	15.64	5.34	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
St. Dev.		0.04	0.00	0.01	3.86	1.03	0.19	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		16	1	9	6	7	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.20	0.09	0.03	44.00	14.91	5.27	0.00	0.00	0.00	0.00	0.00
Max		0.26	0.09	0.03	39.35	16.36	5.41	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	0	0	0	0	0
4/28/93-3,1-A	3	0.020	0.001	0.021	5.918	12.449	5.714					0.00
4/28/93-3,1-B	3	0.314	0.002	0.037	40.841	13.016	5.873	0.00	5.89	93.66	11.85	99.63
Average	3	0.17	0.01	0.03	27.88	12.73	5.79	0.00	5.89	93.66	11.85	99.63
St. Dev.		0.20	0.01	0.01	26.86	0.48	0.11	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		118	81	39	101	3	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.03	0.00	0.01	5.92	12.45	5.71	0.00	5.89	93.66	11.85	99.63
Max		0.31	0.02	0.04	49.84	13.58	5.87	0.00	5.89	93.66	11.85	99.63
n	3	3	3	3	3	3	3	1	1	1	1	1
Average	3	0.23	0.02	0.03	30.88	14.19	5.87	0.00	5.89	93.66	11.85	99.63
St. Dev.		0.13	0.01	0.00	25.49	1.79	0.27	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	73.70
% RSD		59	17	13	87	13	5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	74
Min		0.03	0.02	0.03	5.91	12.45	5.57	0.00	5.89	93.66	11.85	0.00
Max		0.31	0.03	0.04	50.33	16.36	5.87	0.00	5.89	93.66	11.85	99.63
n	4	4	4	4	4	4	4	1	1	1	1	2
4/28/93-4,1-A	4	0.440	0.105	0.049	46.889	11.778	5.444					0.00
4/28/93-4,1-B	4	0.341	0.088	0.039	44.286	11.429	5.066	0.00	3.91	69.18	26.91	100.00
Average	4	0.39	0.10	0.04	45.59	11.60	5.26	0.00	3.91	69.18	26.91	100.00
St. Dev.		0.07	0.01	0.01	1.91	0.25	0.27	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		18	13	16	7	2	5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.34	0.09	0.04	44.29	11.43	5.06	0.00	3.91	69.18	26.91	100.00
Max		0.44	0.11	0.05	48.89	11.78	5.44	0.00	3.91	69.18	26.91	100.00
n	2	2	2	2	2	2	2	1	1	1	1	1
4/28/93-4,2-A	4	0.379	0.092	0.043	40.221	11.545	5.304					0.00
4/28/93-4,2-B	4	0.448	0.111	0.050	53.082	12.472	5.618	0.00	3.79	69.90	26.30	99.99
Average	4	0.41	0.10	0.05	46.65	12.01	5.46	0.00	3.79	69.54	26.10	99.99
St. Dev.		0.05	0.01	0.00	1.91	0.37	0.23	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		14	13	11	4	3	4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.36	0.09	0.04	40.22	11.55	5.30	0.00	3.79	69.90	26.30	97.09
Max		0.45	0.11	0.05	53.08	12.47	5.62	0.00	3.79	69.90	26.30	99.99
n	2	2	2	2	2	2	2	1	1	1	1	1
Average	4	0.41	0.10	0.05	46.65	11.91	5.46	0.00	3.85	69.54	26.60	100.00
St. Dev.		0.05	0.01	0.01	3.39	0.48	0.25	0.00	0.08	0.53	0.49	0.01
% RSD		14	11	11	7	4	5	#DIV/0!	2	1	2	0
Min		0.36	0.09	0.04	44.29	11.43	5.06	0.00	3.79	69.18	26.30	99.99
Max		0.45	0.11	0.05	53.08	12.47	5.62	0.00	3.91	69.90	26.91	100.00
n	4	4	4	4	4	4	4	2	2	2	2	2
4/30/93-3,1-A	5	0.007	0.138	0.071	46.944	9.630	4.965					0.00
4/30/93-3,1-B	5	0.006	0.077	0.063	47.813	12.081	5.000	0.00	8.11	90.63	1.27	100.00
Average	5	0.01	0.11	0.07	46.88	10.84	4.98	0.00	8.11	90.63	1.27	100.00
St. Dev.		0.00	0.04	0.00	1.35	1.61	0.05	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		55	40	54	3	16	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.01	0.08	0.03	46.94	9.63	4.97	0.00	8.11	90.63	1.27	100.00
Max		0.02	0.14	0.07	47.81	12.08	5.00	0.00	8.11	90.63	1.27	100.00
n	2	2	2	2	2	2	2	1	1	1	1	1
4/30/93-3,2-A	5	0.428	0.108	0.048	44.134	11.134	4.948					0.00
4/30/93-3,2-B	5	0.288	0.073	0.000	42.188	10.870	5.072	0.00	5.07	76.19	18.83	100.00
Average	5	0.36	0.09	0.04	43.66	11.00	5.01	0.00	5.07	76.19	18.83	100.00
St. Dev.		0.09	0.02	0.01	0.96	0.19	0.09	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		25	25	23	2	2	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.30	0.08	0.04	43.19	10.87	4.95	0.00	5.07	76.19	18.83	100.00
Max		0.43	0.11	0.05	44.13	11.13	5.07	0.00	5.07	76.19	18.83	100.00
n	2	2	2	2	2	2	2	1	1	1	1	1
Average	5	0.42	0.10	0.04	46.37	10.93	5.00	0.00	6.39	83.36	10.85	100.00
St. Dev.		0.17	0.03	0.02	2.85	0.38	0.05	0.00	2.15	10.27	12.11	0.00
% RSD		40	30	36	6	3	1	#DIV/0!	34	12	112	0
Min		0.30	0.08	0.03	43.19	9.63	4.95	0.00	5.07	76.19	1.27	100.00
Max		0.56	0.14	0.07	47.81	12.08	5.07	0.00	8.11	90.63	18.83	100.00
n	4	4	4	4	4	4	4	2	2	2	2	2

PER PES	Dynes/cm^3	Mode, µm	Median, µm	Mean, µm	S.D., µm	Conf (+m), %	CB008, ug	CB015, ug	CB028, ug	CB095, ug	CB052, ug	CB083, ug
4/27/93-4,0	0						0.05	0.00	0.00	0.00	0.00	0.03
4/28/93-0,0	0						0.00	0.07	0.00	0.00	0.07	0.07
4/29/93-A,0	0						0.00	0.00	0.00	0.00	0.00	0.00
4/30/93-4,0	/						0.00	0.00	0.00	0.46	[illegible]	0.00
Average	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.02	0.00	0.11	[illegible]	0.04
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.00	0.04	0.00	0.23	0.19	0.03
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	200	#DIV/0!	200	143	100
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.46	0.38	0.00
n	4	0	0	0	0	0	4	4	4	4	4	4
4/27/93-2,1-A	2											
4/27/93-2,1-B	2						0.07	0.05	0.00	0.00	0.26	0.13
Average	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.07	0.05	0.00	0.00	0.26	0.13
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.26	0.13
Max		0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.26	0.13
n	2	0	0	0	0	0	2	2	2	2	2	2
4/27/93-2,2-A	2						0.00	0.00	0.00	0.00	0.00	0.00
4/27/93-2,2-B	2	35.70	26.71	39.24	35.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	2	35.70	26.71	39.24	35.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		35.70	26.71	39.24	35.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		35.70	26.71	39.24	35.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	1	1	1	1	1	2	2	2	2	2	2
Average	2	35.70	26.71	39.24	35.98	100.00	0.02	0.02	0.00	0.00	0.00	0.04
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.04	0.03	0.00	0.00	0.15	0.06
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	173	173	#DIV/0!	#DIV/0!	173	173
Min		35.70	26.71	39.24	35.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		35.70	26.71	39.24	35.98	100.00	0.07	0.05	0.00	0.00	0.26	0.13
n	4	1	1	1	1	1	3	3	2	3	3	3
4/28/93-3,1-A	3						0.00	0.00	0.00	0.00	0.19	0.14
4/28/93-3,1-B	3						0.00	0.07	0.00	0.00	0.07	0.06
Average	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	131	#DIV/0!	#DIV/0!	71	82
Min		0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.14
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07	0.06
n	2	0	0	0	0	0	2	2	2	2	2	2
4/28/93-3,2-A	3						0.00	0.01	0.00	0.00	0.34	0.24
4/28/93-3,2-B	3	10.50	15.40	20.02	37.01	99.93	0.00	0.00	0.22	0.36	0.38	0.68
Average	3	10.50	15.40	20.02	37.01	99.93	0.00	0.01	0.11	0.18	0.53	0.46
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.01	0.16	0.25	0.11	0.31
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	141	141	27	68
Min		10.50	15.40	20.02	37.01	99.93	0.00	0.00	0.00	0.00	0.30	0.24
Max		10.50	15.40	20.02	37.01	99.93	0.00	0.01	0.22	0.36	0.38	0.68
n	2	1	1	1	1	1	2	2	2	2	2	2
Average	3	10.50	15.40	20.02	37.01	99.93	0.00	0.00	0.06	0.14	0.40	0.40
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.11	0.20	0.17	0.25
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	200	183	200	200	43	64
Min		10.50	15.40	20.02	37.01	99.93	0.00	0.00	0.00	0.00	0.19	0.14
Max		10.50	15.40	20.02	37.01	99.93	0.00	0.07	0.22	0.36	0.57	0.68
n	4	1	1	1	1	1	4	4	4	4	4	4
4/28/93-4,1-A	4						0.00	0.00	0.00	0.00	0.21	0.16
4/28/93-4,1-B	4	105.72	23.76	44.98	47.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	4	105.72	23.76	44.98	47.98	100.00	0.00	0.00	0.00	0.00	0.10	0.08
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	0.00	0.14	0.08
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	87	#DIV/0!	#DIV/0!	61	98
Min		105.72	23.76	44.98	47.98	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		105.72	23.76	44.98	47.98	100.00	0.00	0.00	0.00	0.00	0.21	0.16
n	2	1	1	1	1	1	2	2	2	2	2	2
4/28/93-4,2-A	4						1.91	0.18	0.00	1.30	1.40	1.92
4/28/93-4,2-B	4	135.82	22.15	46.04	50.16	99.99	0.00	0.01	0.00	0.00	0.37	0.48
Average	4	135.82	22.15	46.04	50.16	99.99	0.96	0.09	0.00	0.70	0.93	1.16
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.35	0.13	0.00	1.06	0.79	1.07
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	132	141	141	85	92
Min		135.82	22.15	46.04	50.16	99.99	0.00	0.00	0.00	0.00	0.37	0.48
Max		135.82	22.15	46.04	50.16	99.99	1.91	0.18	0.00	1.30	1.40	1.92
n	2	1	1	1	1	1	2	2	2	2	2	2
Average	4	120.77	22.46	45.51	49.07	100.00	0.49	0.07	0.15	0.37	0.74	0.86
St. Dev.		21.38	1.03	0.78	1.34	0.01	0.96	0.08	0.30	0.75	0.54	0.73
% RSD		18	5	2	3	0	193	104	200	200	73	84
Min		105.72	22.15	44.98	47.98	99.99	0.00	0.00	0.00	0.00	0.37	0.48
Max		135.82	23.76	46.04	50.16	100.00	1.91	0.18	0.00	1.30	1.40	1.92
n	4	2	2	2	2	2	4	4	4	4	4	4
4/30/93-5,1-A	5						0.00	0.14	0.71	2.39	2.44	2.23
4/30/93-5,1-B	5	10.50	10.04	14.55	13.13	100.00	0.56	0.33	0.00	0.00	0.08	2.27
Average	5	10.50	10.04	14.55	13.13	100.00	0.28	0.23	0.36	1.19	1.26	2.25
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.40	0.13	0.50	1.69	1.67	0.03
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	56	141	141	133	1
Min		10.50	10.04	14.55	13.13	100.00	0.00	0.14	0.00	0.00	0.08	2.23
Max		10.50	10.04	14.55	13.13	100.00	0.56	0.33	0.71	2.39	2.44	2.27
n	2	1	1	1	1	1	2	2	2	2	2	2
4/30/93-5,2-A	5						0.13	0.27	0.00	0.00	1.56	1.60
4/30/93-5,2-B	5	12.83	19.01	35.71	39.74	99.99	0.18	0.20	0.00	0.00	1.50	1.60
Average	5	12.83	19.01	35.71	39.74	99.99	0.16	0.24	0.00	0.00	1.57	1.60
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.03	0.05	0.00	0.00	0.03	0.14
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	21	21	#DIV/0!	#DIV/0!	1	9
Min		12.83	19.01	35.71	39.74	99.99	0.13	0.20	0.00	0.00	1.56	1.60
Max		12.83	19.01	35.71	39.74	99.99	0.18	0.27	0.00	0.00	1.59	1.60
n	2	1	1	1	1	1	2	2	2	2	2	2
Average	5	11.67	14.53	25.13	26.44	100.00	0.32	0.21	0.18	0.60	1.42	1.88
St. Dev.		1.65	6.34	14.96	18.62	0.01	0.34	0.08	0.26	1.19	0.26	0.44
% RSD		14	44	60	71	0	110	34	200	200	60	23
Min		10.50	10.04	14.55	13.13	99.99	0.00	0.14	0.00	0.00	0.08	1.60
Max		12.83	19.01	35.71	39.74	100.00	0.56	0.33	0.71	2.39	2.44	2.27
n	4	2	2	2	2	2	4	4	4	4	4	4

PIR PES	Dyes/cm^2	CB1A, ng		CB44, ng	CB101, ng	CB87, ng	CB77, ng	CB154, ng	CB118, ng	CB105, ng	CB153, ng	CB138, ng
4/27/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/93-0,0	0	0.18	0.05	0.01	0.00	0.00	0.05	0.01	0.02	0.00	0.00	0.00
4/28/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/93-0,0	0	1.0	0.0	0.00	0.00	0.00	0.72	0.43	0.23	0.00	0.00	0.15
Average	0	0.4	0.24	0.02	0.00	0.00	0.19	0.11	0.06	0.00	0.00	0.04
St. Dev.		0.76	0.44	0.04	0.00	0.00	0.36	0.21	0.11	0.00	0.00	0.07
% RSD		174	186	171	200	200	188	188	188	#DIV/0!	200	163
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		1.00	0.00	0.00	0.00	0.00	0.72	0.43	0.23	0.00	0.00	0.15
n	4	4	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2											
4/27/93-2,1-B	2	0.23	0.07	0.14	0.13	0.00	0.14	0.00	0.18	0.00	0.20	0.10
Average	2	0.23	0.07	0.14	0.13	0.00	0.14	0.00	0.18	0.00	0.20	0.10
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.23	0.07	0.14	0.13	0.00	0.14	0.00	0.18	0.00	0.20	0.10
Max		0.23	0.07	0.14	0.13	0.00	0.14	0.00	0.18	0.00	0.20	0.10
n	2	2	2	2	2	2	2	2	2	2	2	2
4/27/93-2,2-A	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/93-2,2-B	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		173	173	173	173	#DIV/0!	173	#DIV/0!	173	#DIV/0!	173	173
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.23	0.07	0.14	0.13	0.00	0.14	0.00	0.18	0.00	0.20	0.10
n	4	3	3	3	3	3	3	3	3	3	3	3
4/28/93-3,1-A	3	0.00	0.07	0.25	0.39	0.10	0.30	0.02	0.00	0.00	0.75	0.21
4/28/93-3,1-B	3	0.67	0.23	1.15	1.25	0.46	1.15	0.13	1.41	0.00	2.46	0.44
Average	3	0.83	0.15	0.70	0.82	0.28	0.72	0.07	0.71	0.00	1.61	0.33
St. Dev.		0.95	0.11	0.63	0.61	0.25	0.69	0.08	1.00	0.00	1.21	0.17
% RSD		141	77	90	74	91	93	107	141	141	75	51
Min		0.00	0.07	0.25	0.39	0.10	0.30	0.02	0.00	0.00	0.75	0.21
Max		0.67	0.23	1.15	1.25	0.46	1.15	0.13	1.41	0.00	2.46	0.44
n	2	2	2	2	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	0.00	0.00	0.46	0.88	0.18	0.46	0.05	0.81	0.00	1.26	0.32
4/28/93-3,2-B	3	0.00	0.18	0.54	1.50	0.44	0.15	0.76	2.30	0.31	1.50	0.83
Average	3	0.00	0.14	0.50	1.19	0.31	0.31	0.30	1.55	0.15	1.38	0.57
St. Dev.		0.00	0.07	0.05	0.37	0.19	0.21	0.32	1.06	0.22	0.18	0.36
% RSD		#DIV/0!	51	11	53	61	71	131	67	141	13	63
Min		0.00	0.00	0.46	0.88	0.18	0.15	0.05	0.81	0.00	1.26	0.32
Max		0.00	0.18	0.54	1.50	0.44	0.46	0.76	2.30	0.31	1.50	0.83
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	0.83	0.14	0.60	0.98	0.30	0.53	0.23	1.13	0.05	1.49	0.48
St. Dev.		0.83	0.08	0.38	0.51	0.15	0.44	0.26	0.97	0.15	0.72	0.27
% RSD		200	54	64	52	52	85	111	85	197	48	56
Min		0.00	0.07	0.25	0.50	0.10	0.15	0.02	0.00	0.00	0.75	0.21
Max		0.67	0.23	1.15	1.50	0.46	1.15	0.76	2.30	0.31	2.46	0.83
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	0.01	0.17	1.12	0.76	0.14	0.70	0.08	0.82	0.00	1.31	0.44
4/28/93-4,1-B	4	0.25	0.31	1.37	1.64	0.58	1.33	0.15	1.79	0.07	3.06	0.51
Average	4	0.13	0.24	1.25	1.20	0.36	1.01	0.12	1.31	0.03	2.19	0.47
St. Dev.		0.17	0.10	0.18	0.62	0.32	0.46	0.05	0.69	0.05	1.24	0.05
% RSD		133	39	14	51	85	44	46	53	141	57	11
Min		0.01	0.17	1.12	0.76	0.14	0.70	0.08	0.82	0.00	1.31	0.44
Max		0.25	0.31	1.37	1.64	0.58	1.33	0.15	1.79	0.07	3.06	0.51
n	2	2	2	2	2	2	2	2	2	2	2	2
4/2a/93-4,2-A	4	1.73	0.72	1.17	1.08	1.42	0.71	2.10	6.34	1.27	3.93	2.54
4/2a/93-4,2-B	4	0.00	0.00	1.30	0.87	0.28	0.74	0.05	0.87	0.00	1.46	0.43
Average	4	0.87	0.46	1.23	1.97	0.85	0.73	1.08	3.60	0.63	2.69	1.78
St. Dev.		1.23	0.37	0.09	1.56	0.81	0.02	1.44	3.86	0.89	1.75	1.76
% RSD		141	79	8	79	95	2	133	107	141	65	104
Min		0.00	0.20	1.17	0.87	0.28	0.71	0.05	0.87	0.00	1.46	0.46
Max		1.73	0.72	1.30	3.06	1.42	0.74	2.10	6.34	1.27	3.93	2.54
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	0.99	0.35	1.24	1.38	0.60	0.87	0.60	2.46	0.33	2.64	1.00
St. Dev.		0.83	0.28	0.13	1.07	0.57	0.31	1.00	2.63	0.63	1.27	1.34
% RSD		167	72	9	77	95	36	166	107	187	83	114
Min		0.00	0.17	1.13	0.76	0.14	0.70	0.05	0.82	0.00	1.31	0.44
Max		1.73	0.72	1.37	3.06	1.42	1.33	2.10	6.34	1.27	3.93	2.54
n	4	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	1.07	0.53	2.32	5.16	1.80	0.67	2.77	9.24	1.24	6.43	3.33
4/30/93-5,1-B	5	0.10	1.15	4.91	4.95	1.91	4.40	1.38	5.00	0.00	7.54	2.77
Average	5	0.59	1.84	3.61	5.05	1.86	2.53	2.07	7.17	0.62	6.98	3.05
St. Dev.		0.69	0.44	1.83	0.16	0.08	2.64	0.99	2.93	0.86	0.79	0.40
% RSD		116	32	51	3	4	104	96	41	141	11	13
Min		0.10	0.53	2.32	4.95	1.80	0.67	1.38	5.00	0.00	6.43	2.77
Max		1.07	1.15	4.91	5.16	1.91	4.40	2.77	9.24	1.24	7.54	3.33
n	2	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	0.27	0.59	3.14	3.27	1.28	2.40	0.67	3.56	0.00	5.72	1.27
4/30/93-5,2-B	5	0.01	0.83	3.52	3.34	1.35	3.35	0.57	3.63	0.00	6.13	1.33
Average	5	0.14	0.71	3.33	3.31	1.31	2.88	0.62	3.60	0.00	5.93	1.30
St. Dev.		0.18	0.17	0.27	0.05	0.05	0.67	0.06	0.05	0.00	0.28	0.05
% RSD		133	24	8	2	4	23	10	1	#DIV/0!	5	4
Min		0.01	0.59	3.14	3.27	1.28	2.40	0.57	3.56	0.00	5.72	1.27
Max		0.27	0.83	3.52	3.34	1.35	3.35	0.67	3.63	0.00	6.13	1.33
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	0.36	0.77	3.47	4.10	1.56	2.71	1.36	5.36	0.31	6.46	2.17
St. Dev.		0.48	0.26	1.06	1.01	0.32	1.39	.02	2.67	0.62	0.7	1.84
% RSD		134	34	31	24	20	51	75	50	200	12	48
Min		0.01	0.53	2.32	3.27	1.28	0.67	0.57	3.56	0.00	5.72	1.27
Max		1.07	1.15	4.91	5.16	1.91	4.40	2.77	9.24	1.24	7.54	3.33
n	4	4	4	4	4	4	4	4	4	4	4	4

PER PES	Dyne/cm^2	CB128, ng	CB126, ng	CB167, ng	CB128, ng	CB169, ng	CB189, ng	CB170, ng	CB15a, ng	CB206, ng	CB209, ng	CB sum, ng
4/27/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/28/93-0,0	0	0.08	0.00	0.08	0.08	0.00	0.00	0.46	0.08	0.00	0.00	1.13
4/29/93-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/93-0,0	0	0.00	0.24	0.08	0.05	0.00	0.14	0.00	0.08	0.00	0.17	0.68
Average	0	0.08	0.06	0.06	0.06	0.00	0.05	0.13	0.00	0.00	0.04	1.94
St. Dev.		0.04	0.12	0.00	0.06	0.00	0.07	0.24	0.04	0.00	0.08	3.17
% RSD		200	200	117	165	#DIV/0!	200	200	126	#DIV/0!	200	163
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.08	0.24	0.08	0.08	0.00	0.14	0.46	0.08	0.00	0.17	6.83
n	4	4	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2											
4/27/93-2,1-B	2	0.25	0.00	0.13	0.13	0.05	0.13	0.36	0.13	0.00	0.79	2.99
Average	2	0.25	0.00	0.13	0.13	0.05	0.13	0.36	0.13	0.00	0.00	2.99
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.25	0.00	0.13	0.13	0.05	0.13	0.36	0.13	0.00	0.00	2.99
Max		0.25	0.00	0.13	0.13	0.05	0.13	0.36	0.13	0.00	0.00	2.99
n	2	1	1	1	1	1	1	1	1	1	1	1
4/27/93-2,2-A	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/27/93-2,2-B	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.08	0.00	0.04	0.04	0.00	0.04	0.12	0.04	0.00	0.00	1.00
St. Dev.		0.11	0.00	0.00	0.00	0.00	0.00	0.21	0.07	0.00	0.00	1.73
% RSD		173	#DIV/0!	173	173	173	173	173	173	#DIV/0!	#DIV/0!	173
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.25	0.00	0.13	0.13	0.05	0.13	0.36	0.13	0.00	0.00	2.99
n	4	3	3	3	3	3	3	3	3	3	3	3
4/28/93-3,1-A	3	0.03	0.00	0.35	0.10	0.05	0.06	0.00	0.00	0.15	0.30	4.71
4/28/93-3,1-B	3	1.76	0.00	0.92	0.35	0.14	1.16	0.71	0.42	0.97	1.08	17.17
Average	3	1.31	0.00	0.64	0.23	0.10	0.61	0.36	0.21	0.49	0.73	10.94
St. Dev.		0.81	0.00	0.40	0.17	0.06	0.48	0.50	0.29	0.36	0.49	8.58
% RSD		67	#DIV/0!	33	76	62	88	141	71	86	67	86
Min		0.03	0.00	0.35	0.10	0.05	0.06	0.00	0.00	0.15	0.30	4.71
Max		1.76	0.00	0.92	0.35	0.14	1.16	0.71	0.42	0.97	1.08	17.17
n	2	2	2	2	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	0.06	0.06	0.36	0.19	0.11	0.71	3.36	0.30	0.30	0.78	12.33
4/28/93-3,2-B	3	1.43	0.16	0.97	0.82	0.13	1.41	0.00	0.95	1.85	1.18	17.05
Average	3	1.19	0.11	0.63	0.50	0.12	1.06	1.67	0.61	0.72	0.84	14.64
St. Dev.		0.38	0.07	0.05	0.13	0.01	0.49	2.37	0.16	0.46	0.34	3.01
% RSD		27	65	10	113	11	46	141	49	65	36	23
Min		0.06	0.06	0.36	0.19	0.11	0.71	0.00	0.30	0.30	0.78	12.33
Max		1.43	0.16	0.97	0.82	0.13	1.41	3.36	0.95	1.85	1.18	17.05
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	1.20	0.05	0.63	0.36	0.11	0.94	1.46	0.36	0.86	0.84	13.79
St. Dev.		0.89	0.08	0.34	0.34	0.04	0.42	1.89	0.17	0.39	0.36	3.06
% RSD		48	138	37	84	36	45	157	46	70	44	46
Min		0.03	0.00	0.35	0.10	0.05	0.06	0.00	0.14	0.13	0.30	4.71
Max		1.76	0.16	0.92	0.82	0.14	1.41	3.36	0.95	1.85	1.18	17.17
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	1.07	0.00	0.52	0.17	0.06	0.64	0.31	0.22	0.18	0.56	10.00
4/28/93-4,1-B	4	2.17	0.00	1.22	0.43	0.16	1.36	0.14	0.64	0.95	1.33	21.16
Average	4	1.62	0.00	0.87	0.30	0.11	1.00	0.22	0.43	0.56	0.94	15.58
St. Dev.		0.76	0.00	0.50	0.18	0.07	0.52	0.12	0.30	0.54	0.54	7.80
% RSD		46	#DIV/0!	57	60	63	51	70	69	97	57	50
Min		1.07	0.00	0.52	0.17	0.06	0.64	0.14	0.22	0.18	0.56	10.00
Max		2.17	0.00	1.22	0.43	0.16	1.36	0.31	0.64	0.95	1.33	21.16
n	2	2	2	2	2	2	2	2	2	2	2	2
4/29/93-4,2-A	4	4.18	0.76	2.27	0.73	0.41	2.33	0.18	0.89	1.72	2.26	48.88
4/29/93-4,2-B	4	1.16	0.00	0.64	0.22	0.12	0.81	0.00	0.43	0.45	0.74	11.57
Average	4	2.67	0.38	1.46	0.48	0.26	1.57	0.09	0.70	1.08	1.50	30.23
St. Dev.		2.13	0.54	1.15	0.39	0.20	1.06	0.13	0.40	0.90	1.06	26.38
% RSD		80	141	79	79	77	68	141	57	83	72	87
Min		1.16	0.00	0.64	0.22	0.12	0.81	0.00	0.43	0.45	0.74	11.57
Max		4.18	0.76	2.27	0.73	0.41	2.33	0.18	0.89	1.72	2.26	48.88
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	2.16	0.19	1.16	0.40	0.19	1.20	0.16	0.57	0.88	1.33	23.90
St. Dev.		1.46	0.38	0.80	0.27	0.15	0.76	0.13	0.38	0.60	0.77	15.80
% RSD		67	200	69	68	81	63	81	66	68	58	79
Min		1.07	0.00	0.52	0.17	0.06	0.64	0.00	0.22	0.18	0.56	10.00
Max		4.18	0.76	2.27	0.73	0.41	2.33	0.18	0.89	1.72	2.26	48.88
n	4	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	6.35	0.87	2.87	0.84	0.80	4.43	1.11	2.33	3.77	5.43	70.64
4/30/93-5,1-B	5	6.19	0.88	3.13	1.17	0.49	4.87	1.12	1.51	2.81	3.83	61.33
Average	5	6.28	0.88	3.00	0.90	0.89	4.28	1.11	1.98	3.19	4.83	66.98
St. Dev.		0.04	0.07	0.18	0.37	0.14	0.35	0.01	0.58	0.88	1.28	6.89
% RSD		1	141	6	41	16	8	1	30	28	28	10
Min		6.19	0.88	2.87	0.64	0.49	4.07	1.11	1.51	2.81	3.83	61.33
Max		6.35	0.87	3.13	1.17	0.89	4.43	1.13	2.33	3.77	5.43	70.64
n	2	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	4.23	0.00	1.98	0.80	0.44	2.87	1.08	0.99	1.68	2.13	41.70
4/30/93-5,2-B	5	4.61	0.07	2.13	0.82	0.28	2.70	0.71	1.02	1.78	2.64	44.38
Average	5	4.42	0.05	2.06	0.81	0.37	2.79	0.87	1.00	1.73	2.39	43.04
St. Dev.		0.27	0.05	0.10	0.03	0.11	0.13	0.23	0.02	0.07	0.36	1.89
% RSD		6	141	5	3	30	5	26	3	4	15	4
Min		4.23	0.00	1.98	0.80	0.28	2.70	0.71	0.99	1.68	2.13	41.70
Max		4.61	0.07	2.13	0.82	0.44	2.87	1.08	1.02	1.78	2.64	44.38
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	5.32	0.18	2.53	0.86	0.48	3.52	0.99	1.46	2.46	3.45	54.51
St. Dev.		1.55	0.32	0.56	0.32	0.17	0.86	0.19	0.63	0.97	1.48	13.02
% RSD		29	176	22	36	35	24	19	43	39	42	24
Min		4.23	0.00	1.98	0.64	0.28	2.70	0.71	0.99	1.68	2.13	41.70
Max		6.35	0.87	3.13	1.17	0.89	4.43	1.13	2.33	3.77	5.43	70.64
n	4	4	4	4	4	4	4	4	4	4	4	4

PES# PES	Dyne/cm^3	HCB, ng	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng
4/27/93-2,0	0	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
4/28/93-2,0	0	0.31	0.02	0.25	0.07	0.00	0.00	0.00	0.70	0.00	0.09
4/29/93-2,0	0	0.31	0.02	0.06	0.00	0.00	0.00	0.02	0.00	0.00	0.02
4/30/93-2,0	0	0.06	0.00	0.00	0.00	0.02	0.00	0.27	0.00	0.00	0.00
Average	0	0.20	0.01	0.27	0.08	0.00	0.00	0.07	0.20	0.00	0.08
St. Dev.		0.20	0.01	0.41	0.04	0.01	0.00	0.13	0.00	0.00	0.10
% RSD		126	117	149	200	200	#DIV/0!	200	#DIV/0!	#DIV/0!	134
Min		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.53	0.03	0.06	0.07	0.02	0.00	0.27	0.00	0.00	0.22
n	4	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2	1.00	0.00	4.44	5.39	3.26	5.35	0.00	0.00	0.00	7.46
4/27/93-2,1-B	2	0.05	0.01	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.06
Average	2	0.53	0.01	2.22	2.70	1.63	2.74	0.00	0.00	0.00	3.76
St. Dev.		0.70	0.01	3.14	4.17	2.30	3.89	0.00	0.00	0.00	5.33
% RSD		141	141	141	141	141	138	#DIV/0!	#DIV/0!	#DIV/0!	139
Min		0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.06
Max		1.05	0.01	4.44	5.39	3.26	5.35	0.00	0.00	0.00	7.46
n	2	2	2	2	2	2	2	2	2	2	2
4/27/93-2,2-A	2	0.00	0.00	0.13	0.04	0.11	0.12	0.00	0.00	0.00	0.00
4/27/93-2,2-B	2	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	1.19
Average	2	0.01	0.00	0.07	0.02	0.06	0.13	0.00	0.00	0.00	0.59
St. Dev.		0.01	0.00	0.11	0.03	0.08	0.01	0.00	0.00	0.00	0.84
% RSD		141	#DIV/0!	141	141	141	13	#DIV/0!	#DIV/0!	#DIV/0!	141
Min		0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00
Max		0.01	0.00	0.13	0.04	0.11	0.14	0.00	0.00	0.00	1.19
n	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.26	0.00	1.15	1.40	0.84	1.40	0.00	0.00	0.00	2.15
St. Dev.		0.40	0.00	2.29	2.84	1.69	2.81	0.00	0.00	0.00	3.04
% RSD		154	200	199	198	198	198	#DIV/0!	#DIV/0!	#DIV/0!	144
Min		0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00
Max		1.00	0.01	4.44	5.39	3.26	5.35	0.00	0.00	0.00	7.46
n	4	4	4	4	4	4	4	4	4	4	4
4/26/93-3,1-A	3	0.00	0.00	0.00	0.22	0.08	0.21	0.00	0.00	0.00	0.00
4/28/93-3,1-B	3	0.08	0.00	0.00	0.05	0.36	0.07	0.00	0.00	0.00	0.13
Average	3	0.01	0.00	0.00	0.11	0.21	0.14	0.00	0.00	0.00	0.07
St. Dev.		0.03	0.00	0.00	0.15	0.21	0.07	0.00	0.00	0.00	0.09
% RSD		141	#DIV/0!	#DIV/0!	141	141	97	#DIV/0!	#DIV/0!	#DIV/0!	141
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.05	0.00	0.00	0.22	0.36	0.07	0.00	0.00	0.00	0.13
n	2	2	2	2	2	2	2	2	2	2	2
4/26/93-3,2-A	3	0.00	0.04	0.13	0.00	0.13	0.14	0.00	0.00	0.00	0.00
4/28/93-3,2-B	3	0.41	0.16	0.00	0.37	0.13	1.06	0.47	0.00	0.00	0.13
Average	3	0.14	0.10	0.06	0.18	0.14	0.70	0.24	0.13	0.00	0.06
St. Dev.		0.20	0.08	0.08	0.26	0.00	0.00	0.33	0.18	0.00	0.09
% RSD		138	84	141	141	11	73	141	141	#DIV/0!	98
Min		0.00	0.04	0.00	0.00	0.13	0.14	0.00	0.00	0.00	0.13
Max		0.41	0.16	0.13	0.37	0.13	1.06	0.47	0.13	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	3	0.13	0.00	0.03	0.15	0.17	0.00	0.13	0.06	0.00	0.04
St. Dev.		0.23	0.00	0.06	0.16	0.13	0.00	0.24	0.13	0.00	0.06
% RSD		173	141	200	133	75	66	200	200	#DIV/0!	150
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.41	0.16	0.13	0.37	0.36	1.06	0.47	0.13	0.00	0.00
n	4	4	4	4	4	4	4	4	4	4	4
4/26/93-4,1-A	4	0.01	0.01	0.00	0.04	0.16	0.07	0.00	0.00	0.00	0.01
4/28/93-4,1-B	4	0.07	0.00	0.00	0.01	0.04	0.00	0.00	0.01	0.00	0.00
Average	4	0.04	0.01	0.00	0.02	0.10	0.03	0.00	0.01	0.00	0.01
St. Dev.		0.04	0.01	0.00	0.01	0.08	0.03	0.00	0.01	0.00	0.01
% RSD		116	66	#DIV/0!	86	66	146	#DIV/0!	146	#DIV/0!	66
Min		0.01	0.01	0.00	0.01	0.06	0.00	0.00	0.00	0.00	0.01
Max		0.07	0.02	0.00	0.05	0.14	0.07	0.00	0.01	0.00	0.02
n	2	2	2	2	2	2	2	2	2	2	2
4/26/93-4,2-A	4	0.07	0.00	0.00	0.03	0.05	0.05	0.00	0.00	0.00	0.00
4/28/93-4,2-B	4	0.01	0.04	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.01
Average	4	0.04	0.02	0.00	0.02	0.08	0.02	0.00	0.00	0.00	0.01
St. Dev.		0.04	0.03	0.00	0.02	0.04	0.03	0.00	0.00	0.00	0.01
% RSD		96	126	141	141	66	141	141	141	#DIV/0!	137
Min		0.01	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
Max		0.07	0.00	0.00	0.05	0.14	0.07	0.00	0.00	0.00	0.02
n	2	2	2	2	2	2	2	2	2	2	2
Average	4	0.04	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.02	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
% RSD		57	100	200	79	81	100	200	100	#DIV/0!	163
Min		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/93-5,1-B	5	0.01	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00
Average	5	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
% RSD		200	141	#DIV/0!	200	141	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.01	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/30/93-5,2-B	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		0	0	#DIV/0!	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		0	0	#DIV/0!	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	4	4	4	4	4	4	4	4	4	4	4

PER PES	Dynastem^2	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DBN, ng	ACE, ng	ACT, ng	TMN, ng	FLU, ng	PHE, ng	ANT, ng	1MP, ng	FLA, ng
4/27/93-S,S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.567	0.000	0.000	0.128	0.575
4/28/93-S,S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.996	0.000	1.280	0.000	4.495
4/29/93-S,S	0	0.000	0.000	0.000	0.722	0.000	0.000	0.000	0.000	0.000	0.000	0.243	1.406	1.664
4/30/93-S,S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.320	1.954	0.000	12.892
Average	0	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.64	1.58	0.87	0.51	4.90
St. Dev.		0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.94	3.16	0.91	0.71	5.87
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	200	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	147	200	105	139	114
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	2.00	6.32	1.95	1.41	12.89
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2	0.000	0.000	0.000	2.806	1.046	0.000	0.000	0.000	0.836	1.876	1.176	0.726	27.436
4/27/93-2,1-B	2	8.662	0.000	0.000	10.702	9.836	0.000	0.000	0.000	1.843	3.329	1.166	1.627	28.367
Average	2	4.81	0.00	0.00	6.75	5.34	0.00	0.00	0.00	1.34	2.60	1.17	1.18	25.91
St. Dev.		5.47	0.00	0.00	5.66	6.47	0.00	0.00	0.00	0.70	2.62	0.01	0.64	5.71
% RSD		141	#DIV/0!	#DIV/0!	83	114	#DIV/0!	#DIV/0!	#DIV/0!	53	71	1	54	22
Min		0.00	0.00	0.00	2.81	1.05	0.00	0.00	0.00	0.84	1.03	1.16	0.73	23.37
Max		8.66	0.00	0.00	10.70	9.64	0.00	0.00	0.00	1.84	5.33	1.18	1.63	27.46
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/27/93-2,2-A	2						0.000	0.000	0.000	1.430	4.086	0.912	1.977	14.542
4/27/93-2,2-B	2	0.000	0.000	0.000	6.305	1.096	0.000	0.000	0.000	0.512	4.742	1.246	0.451	24.288
Average	2	0.00	0.00	0.00	4.30	1.10	0.00	0.00	0.00	0.97	4.41	1.08	1.21	19.42
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	0.66	0.46	0.24	1.08	7.48
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	67	10	22	89	39
Min		0.00	0.00	0.00	4.30	1.10	0.00	0.00	0.00	0.51	4.70	0.91	0.45	14.54
Max		0.00	0.00	0.00	6.30	1.10	0.00	0.00	0.00	1.43	4.74	1.25	1.96	24.29
n	2	1	1	1	1	1	2	2	2	2	2	2	2	2
Average	2	2.67	0.00	0.00	6.49	3.93	0.00	0.00	0.00	1.16	4.06	1.13	1.20	21.16
St. Dev.		4.63	0.00	0.00	3.94	4.84	0.00	0.00	0.00	0.60	2.39	0.15	0.71	5.10
% RSD		173	#DIV/0!	#DIV/0!	60	123	#DIV/0!	#DIV/0!	#DIV/0!	52	59	13	60	24
Min		0.00	0.00	0.00	3.91	1.68	0.00	0.00	0.00	0.91	1.83	0.91	0.45	14.54
Max		8.01	0.00	0.00	10.70	9.64	0.00	0.00	0.00	1.84	5.83	1.28	1.93	27.46
n	4	3	3	3	3	3	4	4	4	4	4	4	4	4
4/28/93-3,1-A	3	11.765	2.162	0.000	7.076	7.587	0.000	0.000	0.000	5.315	201.189	5.874	4.645	37.149
4/28/93-3,1-B	3	19.382	10.043	0.000	6.675	0.000	0.000	0.000	0.000	4.787	27.831	6.219	4.008	168.856
Average	3	15.57	6.07	0.00	6.76	3.79	0.00	0.00	0.00	5.05	33.01	6.13	4.33	90.38
St. Dev.		5.36	5.61	0.00	0.43	5.36	0.00	0.00	0.00	0.36	4.86	0.03	0.46	35.86
% RSD		34	93	#DIV/0!	6	141	#DIV/0!	#DIV/0!	#DIV/0!	6	15	0	1	40
Min		11.77	2.16	0.00	6.47	0.00	0.00	0.00	0.00	4.79	28.19	5.97	4.01	87.15
Max		19.38	10.04	0.00	7.08	7.59	0.00	0.00	0.00	5.31	37.85	6.43	4.66	168.86
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	0.000	11.734	0.005	8.447	11.807	0.000	0.000	0.000	4.956	247.915	7.903	4.367	34.328
4/28/93-3,2-B	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.258	2.538	1.568	0.779	26.798
Average	3	0.00	5.87	0.00	4.22	5.90	0.00	0.00	0.00	2.61	125.23	4.74	2.57	60.13
St. Dev.		0.00	8.30	0.01	5.97	8.35	0.00	0.00	0.00	3.69	174.97	4.64	2.65	47.84
% RSD		#DIV/0!	141	141	141	141	#DIV/0!	#DIV/0!	#DIV/0!	114	118	98	103	79
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	2.54	1.57	0.71	26.79
Max		0.00	11.73	0.00	8.45	11.81	0.00	0.00	0.00	4.96	247.91	7.90	4.37	94.26
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	7.76	5.87	0.00	5.80	4.87	0.00	0.00	0.00	3.72	184.41	5.81	3.36	70.64
St. Dev.		9.47	5.79	0.00	3.76	5.80	0.00	0.00	0.00	2.10	11.79	2.77	1.74	38.39
% RSD		122	97	200	65	121	#DIV/0!	#DIV/0!	#DIV/0!	63	61	87	52	54
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	2.54	1.57	0.71	26.79
Max		19.24	11.73	0.00	8.45	11.80	0.00	0.00	0.00	4.96	247.91	7.90	4.37	94.26
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/29/93-4,1-A	4	46.665	23.926	4.389	17.315	13.765	0.536	0.000	0.000	8.597	54.346	18.144	9.928	123.269
4/29/93-4,1-B	4	33.332	23.676	13.666	20.951	21.431	0.336	0.000	0.000	5.735	47.194	16.422	8.843	104.440
Average	4	39.99	23.80	9.03	19.13	17.60	0.44	0.00	0.00	7.16	50.77	17.28	9.39	113.85
St. Dev.		9.33	7.49	7.09	2.56	5.46	0.13	0.00	0.00	2.09	5.06	1.29	0.77	12.61
% RSD		7	27	99	13	31	27	#DIV/0!	#DIV/0!	28	10	7	8	11
Min		46.66	23.68	4.39	17.31	13.76	0.34	0.00	0.00	5.73	47.19	16.42	8.84	104.44
Max		33.33	23.68	13.67	20.93	21.43	0.53	0.00	0.00	8.60	54.34	18.14	9.93	123.27
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/29/93-4,2-A	4	16.103	0.000	0.000	1.200	4.327	2.412	0.000	0.000	7.425	60.796	18.000	6.037	227.506
4/29/93-4,2-B	4	54.206	24.998	12.428	17.150	17.331	0.357	0.000	0.000	9.868	51.915	20.026	10.077	127.423
Average	4	35.16	12.50	6.21	9.23	10.83	1.38	0.00	0.00	8.65	56.36	19.01	8.06	177.46
St. Dev.		26.05	17.67	8.78	11.31	9.65	1.45	0.00	0.00	1.73	6.28	1.41	2.84	70.08
% RSD		74	141	141	123	89	105	#DIV/0!	#DIV/0!	20	11	8	35	40
Min		16.10	0.00	0.00	1.20	4.33	0.36	0.00	0.00	7.43	50.80	18.00	6.04	127.42
Max		54.20	25.00	12.43	17.15	17.33	2.41	0.00	0.00	9.87	60.80	20.03	10.03	227.57
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	48.13	20.00	5.05	14.17	14.37	0.91	0.00	0.00	7.91	53.86	16.10	8.71	148.45
St. Dev.		18.13	14.37	7.14	8.76	7.21	1.00	0.00	0.00	1.76	5.66	1.49	1.87	55.64
% RSD		48	70	89	62	50	110	#DIV/0!	#DIV/0!	22	11	9	21	38
Min		16.10	0.00	0.00	1.20	4.33	0.36	0.00	0.00	5.73	47.19	14.61	6.04	104.44
Max		54.20	25.00	12.47	20.93	21.43	2.41	0.00	0.00	9.87	60.80	20.03	10.03	227.57
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	1.385	0.000	0.000	2.504	7.125	0.516	0.000	0.000	12.328	120.465	38.474	23.310	270.396
4/30/93-5,1-B	5	83.781	43.679	22.338	42.405	39.843	0.367	0.000	0.000	23.537	171.855	55.348	34.465	374.811
Average	5	42.58	21.84	11.17	22.45	23.48	0.44	0.00	0.00	17.93	146.16	46.91	28.89	322.60
St. Dev.		57.80	30.88	15.80	28.21	22.14	0.09	0.00	0.00	7.85	36.34	11.84	7.58	75.15
% RSD		136	141	141	126	111	121	#DIV/0!	#DIV/0!	44	25	25	26	23
Min		1.38	0.00	0.00	2.50	7.13	0.23	0.00	0.00	12.33	120.47	38.47	23.31	270.40
Max		83.78	43.68	22.34	43.41	39.84	0.52	0.00	0.00	23.54	171.86	55.35	34.47	374.81
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	97.633	29.976	15.978	19.383	31.382	0.000	0.000	0.000	8.967	77.259	18.398	10.873	177.382
4/30/93-5,2-B	5	180.213	44.361	13.361	54.784	34.068	3.640	0.200	0.000	11.398	76.449	26.076	11.846	239.865
Average	5	98.92	41.58	14.67	37.08	32.73	1.82	0.00	0.00	10.18	153.71	23.24	11.36	208.62
St. Dev.		1.82	2.31	1.86	25.40	1.89	2.57	0.00	0.00	1.99	0.87	5.43	0.49	43.79
% RSD		2	6	13	68	6	141	#DIV/0!	#DIV/0!	19	1	24	4	21
Min		97.63	39.98	13.36	19.38	31.38	0.00	0.00	0.00	8.91	76.46	18.40	10.87	177.36
Max		100.21	44.36	15.98	54.78	34.07	3.64	0.20	0.00	11.40	77.26	26.08	11.85	239.86
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	72.20	35.62	13.92	30.77	33.06	1.09	0.00	0.00	14.09	111.89	34.28	16.17	266.91
St. Dev.		47.38	21.18	9.41	15.36	21.47	1.54	0.00	0.00	6.47	48.18	16.69	5.89	82.36
% RSD		66	67	73	78	65	114	#DIV/0!	#DIV/0!	46	41	47	36	31
Min		1.38	0.00	0.00	2.50	7.13	0.00	0.00	0.00	8.91	76.46	18.40	10.87	177.36
Max		180.21	44.36	22.34	54.78	39.84	3.64	0.20	0.00	23.54	171.86	55.35	34.47	374.81
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PRR PES	Dynes/cm^2	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng	BPE, ng	Σ PAHs, ng	CB666, ng/L
4/27/92-0,0	0	0.000	0.771	0.000	2.664	0.995	1.552	0.910	2.776	0.000	0.000	0.000	11.288	0.0000
4/28/92-0,0	0	1.903	0.000	0.000	2.604	3.146	4.019	0.000	0.000	0.000	0.000	0.000	19.784	0.0000
4/29/92-0,0	0	2.340	1.977	1.251	3.331	3.641	2.552	2.565	0.804	0.003	0.000	0.799	22.416	0.0000
4/30/92-0,0	0	11.243	4.871	3.000	20.325	7.899	20.762	23.043	166.297	14.156	0.000	13.150	306.723	0.0000
Average	0	3.83	1.87	1.06	7.38	3.92	7.22	6.63	42.47	3.54	0.00	3.49	89.78	0.00
St. Dev.		4.92	2.18	1.42	8.72	2.89	9.06	10.99	82.56	7.08	0.00	6.46	144.46	0.00
% RSD		129	118	134	120	74	126	166	194	200	#DIV/0!	185	161	#DIV/0!
Min		0.00	0.00	0.30	2.66	0.99	1.55	0.00	0.00	0.00	0.00	0.00	11.29	0.00
Max		11.04	4.87	3.00	20.33	7.90	20.76	23.04	166.30	14.15	0.00	13.15	306.72	0.00
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2	30.004	5.150	11.571	13.861	13.024	2.674	11.774	0.754	2.279	0.000	0.229	127.271	
4/27/92-2,1-B	2	19.478	9.747	11.132	0.660	35.662	0.000	7.447	0.933	0.974	0.000	0.515	145.431	1.4437
Average	2	24.74	7.45	11.35	7.26	24.37	1.34	9.61	0.84	1.63	0.00	0.37	136.35	1.44
St. Dev.		7.44	3.28	0.31	9.33	15.97	1.89	3.06	0.13	0.92	0.00	0.20	12.84	#DIV/0!
% RSD		30	44	3	129	66	141	32	15	57	#DIV/0!	54	9	#DIV/0!
Min		19.48	5.15	11.13	0.66	13.08	0.00	7.45	0.75	0.97	0.00	0.23	127.27	1.44
Max		30.00	9.75	11.57	13.86	35.66	2.67	11.77	0.93	2.28	0.00	0.52	145.43	1.44
n	2	2	2	2	2	2	2	2	2	2	2	2	2	1
4/27/92-2,2-A	2	17.006	4.641	11.937	13.246	4.375	14.022	9.821	0.334	3.484	0.000	4.308	106.171	0.0000
4/27/92-2,2-B	2	23.946	2.677	11.820	6.741	8.475	16.988	9.727	0.030	0.000	0.000	0.000	117.614	0.0000
Average	2	20.47	3.66	11.88	9.99	6.42	15.50	9.77	0.18	1.74	0.00	2.15	111.89	0.00
St. Dev.		4.91	1.39	0.10	4.60	2.90	2.10	0.07	0.21	2.46	0.00	3.04	7.87	0.00
% RSD		24	38	1	46	45	14	1	141	141	#DIV/0!	141	7	#DIV/0!
Min		17.00	2.68	11.82	6.74	4.37	14.02	9.73	0.03	0.00	0.00	0.00	106.17	0.00
Max		23.95	4.64	11.94	13.25	8.47	16.99	9.82	0.33	3.48	0.00	4.31	117.61	0.00
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	22.61	5.55	11.62	8.63	15.40	8.42	9.69	0.51	1.68	0.00	1.26	123.97	0.48
St. Dev.		5.71	2.99	0.37	6.21	13.97	8.34	1.77	0.43	1.53	0.00	2.04	16.70	0.83
% RSD		25	54	3	72	91	99	18	85	90	#DIV/0!	162	13	173
Min		17.00	2.68	11.13	0.66	4.37	0.00	7.45	0.00	0.00	0.00	0.00	106.17	0.00
Max		30.00	9.75	11.97	13.86	35.66	16.99	11.77	0.93	3.48	0.00	4.31	145.43	1.44
n	4	4	4	4	4	4	4	4	4	4	4	4	4	3
4/28/92-3,1-A	3	59.118	26.165	46.359	56.318	32.646	46.375	43.946	17.455	34.200	9.286	39.448	532.451	0.0000
4/28/92-3,1-B	3	95.737	27.749	56.305	100.365	41.765	61.814	52.526	27.362	44.734	3.740	45.119	730.866	0.2600
Average	3	77.44	26.96	51.33	78.34	37.20	54.04	48.14	22.41	39.47	6.51	42.29	631.66	0.13
St. Dev.		25.89	1.12	7.03	31.15	6.45	10.90	5.92	7.01	7.45	3.92	3.96	140.36	0.18
% RSD		33	4	14	40	17	20	12	31	19	60	9	22	141
Min		59.12	26.16	46.36	56.32	32.65	46.37	43.95	17.46	34.20	3.74	39.45	532.45	0.00
Max		95.77	27.75	56.30	100.36	41.76	61.81	52.53	27.36	44.73	9.29	45.12	730.87	0.26
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	88.377	30.623	52.243	67.164	51.233	65.508	57.411	4.825	46.164	7.396	29.270	671.990	0.0009
4/28/92-3,2-B	3	26.521	5.360	14.625	13.707	13.254	13.060	10.708	7.364	13.066	0.125	14.359	164.868	0.0000
Average	3	57.45	17.99	33.36	40.44	32.24	39.48	34.06	6.19	29.61	3.76	21.81	418.40	0.00
St. Dev.		43.74	17.86	26.72	37.80	26.85	36.32	33.02	1.94	23.41	5.26	10.55	358.64	0.00
% RSD		76	99	80	93	83	94	97	31	79	137	48	86	#DIV/0!
Min		26.52	5.36	14.46	13.71	13.25	13.06	10.71	4.83	13.06	0.13	14.36	164.87	0.00
Max		88.38	30.62	52.24	67.16	51.23	65.51	57.41	7.36	46.16	7.40	29.27	671.99	0.00
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	67.45	22.47	42.34	59.39	34.72	46.06	41.10	14.30	34.54	5.19	32.30	525.06	0.06
St. Dev.		31.84	11.86	19.05	35.76	16.29	23.53	21.04	10.26	15.33	4.10	13.83	206.14	0.13
% RSD		47	53	45	60	47	50	51	72	44	79	42	40	200
Min		26.52	5.36	14.46	13.71	13.25	13.06	10.71	4.83	13.06	0.13	14.36	164.87	0.00
Max		95.77	30.62	56.30	100.36	51.23	65.51	57.41	27.36	46.16	9.29	45.12	730.87	0.26
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/29/92-4,1-A	4	122.514	52.023	77.600	88.394	61.098	69.360	77.306	28.986	70.479	19.000	75.568	1068.016	0.0000
4/29/92-4,1-B	4	107.115	43.184	65.233	56.106	100.750	66.867	65.634	28.546	52.041	12.912	73.695	1000.906	1.0081
Average	4	114.81	47.60	71.42	72.25	80.92	68.12	71.47	28.77	61.26	15.96	74.63	1034.46	0.50
St. Dev.		10.89	6.25	8.75	22.80	28.04	1.77	8.25	0.31	13.04	4.30	1.32	47.45	0.71
% RSD		9	13	12	32	35	3	11	1	21	27	1	4	141
Min		107.12	43.18	65.23	56.11	61.10	66.87	65.63	28.55	52.04	12.91	73.69	1000.90	0.00
Max		122.51	52.02	77.60	88.39	100.75	69.36	77.31	28.99	70.48	19.00	75.57	1068.02	1.01
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/29/92-4,2-A	4	223.363	51.449	95.399	123.087	101.104	133.138	88.774	75.932	47.610	10.622	123.272	1419.475	36.1616
4/29/92-4,2-B	4	121.442	50.741	77.737	73.734	70.329	72.202	74.854	37.871	65.124	26.209	68.896	1085.073	0.0000
Average	4	172.40	51.11	86.58	98.41	85.73	102.71	81.31	56.90	56.37	18.42	96.08	1252.28	18.08
St. Dev.		72.07	0.53	12.47	34.90	21.76	43.06	10.05	26.91	12.03	11.02	38.44	236.43	25.56
% RSD		42	1	14	35	25	42	12	47	21	60	40	19	141
Min		121.44	50.74	77.74	73.73	70.33	72.20	74.85	37.87	47.61	10.62	68.90	1085.07	0.00
Max		223.36	51.45	95.40	123.09	101.10	133.14	88.77	75.93	65.12	26.21	123.27	1419.48	36.16
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	143.61	49.36	79.00	85.30	83.32	85.41	76.39	42.84	58.76	17.19	85.36	1143.11	9.08
St. Dev.		52.65	4.15	12.40	28.42	20.65	31.90	9.98	22.71	10.84	6.98	26.43	180.20	18.05
% RSD		37	8	16	33	25	37	13	53	18	41	30	16	198
Min		107.12	43.18	65.23	56.11	61.10	66.87	65.63	28.55	47.61	10.62	68.90	1000.90	0.00
Max		223.36	52.02	95.40	123.09	101.10	133.14	88.77	75.93	70.48	26.21	123.27	1419.48	36.16
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	272.588	105.280	171.243	169.394	136.323	162.016	147.298	86.054	211.915	79.265	233.437	2254.654	0.0000
4/30/92-5,1-B	5	359.827	160.066	217.834	233.719	232.601	185.885	217.182	72.571	164.580	49.531	176.083	2976.260	11.2737
Average	5	316.21	132.66	194.54	201.56	184.46	173.95	182.24	79.31	188.25	64.40	204.76	2615.46	5.64
St. Dev.		61.69	38.73	32.94	45.48	68.08	16.88	49.42	9.53	33.46	21.03	40.56	510.25	7.97
% RSD		20	29	17	23	37	10	27	12	18	33	20	20	141
Min		272.59	105.28	171.24	169.39	136.32	162.02	147.30	72.57	164.58	49.53	176.08	2254.65	0.00
Max		359.83	160.07	217.83	233.72	232.60	185.89	217.18	86.05	211.91	79.27	233.44	2976.26	11.27
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	190.333	71.749	104.603	135.287	160.194	115.213	112.954	41.784	90.480	19.760	107.383	1646.385	4.4384
4/30/92-5,2-B	5	248.263	82.008	136.542	125.150	177.714	134.817	155.664	52.508	108.788	25.002	125.743	1983.171	6.0109
Average	5	219.30	76.88	120.57	130.22	168.95	125.02	134.30	47.15	99.63	22.38	116.56	1814.78	5.22
St. Dev.		40.99	7.25	22.58	7.15	12.39	13.86	30.19	7.58	12.91	3.71	12.98	238.14	1.11
% RSD		19	9	19	5	7	11	22	16	10	18	11	13	21
Min		190.33	71.75	104.60	125.15	160.19	115.21	112.95	41.78	90.48	19.76	107.38	1646.39	4.44
Max		248.26	82.01	136.54	135.29	177.71	134.82	155.66	52.51	108.79	25.00	125.74	1983.17	6.01
n	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	267.75	104.77	157.56	165.89	176.71	149.48	158.27	63.23	143.89	43.39	160.66	2215.12	5.43
St. Dev.		70.42	39.44	49.83	49.08	40.94	30.94	43.40	19.06	56.31	27.75	55.84	565.14	4.85
% RSD		26	38	32	30	23	21	27	31	39	62	35	26	89
Min		190.33	71.75	104.60	125.15	136.32	115.21	112.95	41.78	90.48	19.76	107.38	1646.39	0.00
Max		359.83	160.07	217.83	233.72	232.60	185.89	217.18	86.05	211.91	79.27	233.44	2976.26	11.27
n	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PER PEH	Dynastem^3	CB#18, ng/l	CB#28, ng/l	CB#49, ng/l	CB#52, ng/l	CB#83, ng/l	CB#84, ng/l	CB#44, ng/l	CB#66, ng/l	CB#81, ng/l	CB#87, ng/l
4/27/93-2,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/28/93-2,0	0	0.7150	0.0000	0.0000	3.0980	0.8716	1.2006	0.5100	0.1077	0.0000	0.0000
4/29/93-2,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/30/93-2,0	0	0.0000	0.7100	4.5309	3.9950	0.8726	16.0470	9.0433	3.8454	0.7981	0.0251
Average	0	0.18	0.00	1.14	1.15	0.39	4.46	2.39	0.99	0.20	0.01
St. Dev.		0.36	0.00	2.26	1.87	0.36	7.77	4.64	0.48	0.40	0.01
% RSD		200	#DIV/0!	200	163	183	174	186	174	200	200
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.71	0.00	4.53	3.99	0.87	16.05	9.04	3.85	0.79	0.03
n	6	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2										
4/27/93-2,1-B	2	0.0744	0.0000	0.0000	5.1886	2.0843	4.4468	1.4338	2.7886	2.5349	0.0000
Average	2	0.07	0.00	0.00	5.19	2.08	4.45	1.43	2.79	2.53	0.00
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.07	0.00	0.00	5.19	2.08	4.45	1.43	2.79	2.53	0.00
Max		0.07	0.00	0.00	5.19	2.08	4.45	1.43	2.79	2.53	0.00
n	2	1	1	1	1	1	1	1	1	1	1
4/27/93-2,2-A	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/27/93-2,2-B	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.33	0.00	0.00	1.73	0.87	1.48	0.48	0.93	0.84	0.00
St. Dev.		0.56	0.00	0.00	3.00	1.50	2.57	0.83	1.61	1.46	0.00
% RSD		173	#DIV/0!	#DIV/0!	173	173	173	173	173	173	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.97	0.00	0.00	5.19	2.60	4.45	1.43	2.79	2.53	0.00
n	4	3	3	3	3	3	3	3	3	3	3
4/28/93-3,1-A	3	0.0515	0.0000	0.0000	3.7509	2.7600	0.5900	1.3305	5.0440	7.7000	2.0368
4/28/93-3,1-B	3	1.3270	0.0000	0.0000	11.2698	11.2301	1.3178	4.5194	22.9300	25.0005	9.2614
Average	3	0.69	0.00	0.00	7.53	7.00	0.64	2.98	13.99	16.39	5.64
St. Dev.		0.90	0.00	0.00	5.38	5.59	0.93	2.26	12.64	13.17	5.13
% RSD		131	#DIV/0!	#DIV/0!	71	80	141	77	90	74	91
Min		0.05	0.00	0.00	3.76	2.75	0.65	1.34	5.05	7.79	2.04
Max		1.33	0.00	0.00	11.30	11.26	1.32	4.52	23.00	26.00	9.26
n	2	2	2	2	2	2	2	2	2	2	2
4/28/93-3,2-A	3	0.2611	0.0000	0.0000	6.8544	4.7437	0.0000	1.7488	9.2015	13.0870	3.3335
4/28/93-3,2-B	3	0.0000	4.4701	11.2295	10.0295	13.0053	0.0000	3.6675	10.8315	20.9201	8.8110
Average	3	0.13	2.24	5.61	8.44	8.88	0.00	2.72	10.06	16.99	6.07
St. Dev.		0.18	3.17	7.94	2.34	6.27	0.00	1.38	1.79	11.48	3.74
% RSD		141	141	141	27	68	#DIV/0!	51	11	83	61
Min		0.00	0.00	0.00	6.85	4.74	0.00	1.74	9.20	13.09	3.33
Max		0.26	4.48	11.23	10.03	13.01	0.00	3.70	11.83	28.98	8.86
n	2	2	2	2	2	2	2	2	2	2	2
Average	3	0.41	1.12	2.81	7.98	8.89	0.33	2.88	13.89	19.10	5.76
St. Dev.		0.61	2.54	5.61	3.39	5.36	0.66	1.33	7.47	10.16	3.68
% RSD		153	200	200	48	64	200	54	64	53	68
Min		0.00	0.00	0.00	7.74	2.76	0.00	1.34	5.05	7.79	2.84
Max		1.30	4.48	11.23	11.30	13.01	1.32	4.52	23.00	28.98	9.26
n	4	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	0.0583	0.0000	0.0000	5.9587	6.8730	0.1475	3.2812	21.1991	14.4339	2.8961
4/28/93-4,1-B	4	1.5196	0.0000	0.0000	15.9085	13.1700	4.9981	6.1726	27.4459	32.7250	11.5186
Average	4	1.46	0.00	0.00	10.93	11.03	2.57	4.73	24.32	23.59	7.08
St. Dev.		0.64	0.00	0.00	7.66	5.57	3.42	2.04	4.43	12.96	6.38
% RSD		61	#DIV/0!	#DIV/0!	65	53	133	43	18	38	89
Min		0.01	0.00	0.00	5.94	6.89	0.15	3.28	21.20	14.43	2.84
Max		1.53	0.00	0.00	15.91	17.16	4.99	6.17	27.46	32.73	11.52
n	2	2	2	2	2	2	2	2	2	2	2
4/28/93-4,2-A	4	3.6216	12.6043	28.9066	29.5495	30.3080	34.8705	14.4496	25.3794	61.5612	28.5673
4/28/93-4,2-B	4	0.1218	0.0000	0.0000	7.3680	8.0398	0.0000	4.0000	26.0000	17.3971	5.3419
Average	4	1.87	6.31	14.48	18.61	23.21	17.34	9.23	25.69	39.49	16.98
St. Dev.		2.47	8.91	20.47	15.90	10.46	24.53	7.29	1.06	30.23	16.14
% RSD		133	141	141	86	93	141	79	8	79	95
Min		0.13	0.00	0.00	7.37	8.04	0.00	4.76	23.26	17.40	5.34
Max		3.62	12.60	28.91	29.58	30.39	34.68	14.44	26.00	61.56	28.37
n	2	2	2	2	2	2	2	2	2	2	2
Average	4	1.87	3.81	7.43	14.77	17.12	9.86	6.62	24.81	38.84	13.62
St. Dev.		1.85	6.81	14.36	10.96	14.68	16.64	5.22	2.77	32.27	11.51
% RSD		100	200	200	74	86	147	79	11	83	96
Min		0.13	0.00	0.00	5.94	6.89	0.00	3.28	23.20	14.43	2.84
Max		3.62	12.60	28.91	29.58	30.39	34.68	14.44	27.46	61.56	28.37
n	4	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	2.8295	14.1806	47.7309	48.3288	44.5768	21.4367	10.5689	46.3536	103.2864	35.9146
4/30/93-5,1-B	5	6.9020	0.0000	0.0000	1.4705	45.3416	2.0861	22.9691	98.3004	98.6776	38.1227
Average	5	4.86	7.09	23.87	24.90	44.96	11.76	16.77	72.35	100.98	37.03
St. Dev.		2.89	10.03	33.76	33.35	0.54	13.68	8.77	36.46	3.35	1.56
% RSD		59	141	141	133	1	116	53	51	3	4
Min		2.83	0.00	0.00	1.47	44.58	2.09	10.57	46.36	98.01	35.91
Max		6.89	14.19	47.74	48.33	45.34	21.44	22.97	98.30	103.30	38.12
n	2	2	2	2	2	2	2	2	2	2	2
4/30/93-5,2-A	5	9.0093	0.0000	0.0000	51.3040	44.6160	8.8768	19.6092	104.9246	109.0144	43.3800
4/30/93-5,2-B	5	6.7219	0.0000	0.0000	52.9995	53.3225	3.2985	27.7227	117.3440	111.3632	44.3048
Average	5	7.89	0.00	0.00	52.69	48.97	6.07	23.71	110.84	110.19	43.77
St. Dev.		1.68	0.00	0.00	0.72	6.05	4.00	5.68	8.93	1.66	1.71
% RSD		21	#DIV/0!	#DIV/0!	1	9	133	24	8	2	4
Min		6.72	0.00	0.00	51.98	44.62	0.26	19.79	104.64	109.01	42.36
Max		9.05	0.00	0.00	53.60	53.32	8.88	27.73	117.34	111.36	44.98
n	2	2	2	2	2	2	2	2	2	2	2
Average	5	6.35	3.55	11.93	38.87	47.51	8.17	20.34	91.61	106.89	40.40
St. Dev.		2.88	7.89	23.87	24.06	3.98	9.89	7.24	41.15	5.72	4.13
% RSD		41	200	200	64	8	117	36	36	5	10
Min		3.83	0.00	0.00	1.47	44.58	0.26	10.57	46.36	98.01	35.91
Max		9.05	14.19	47.74	53.60	53.32	21.44	27.73	117.34	111.36	44.98
n	4	4	4	4	4	4	4	4	4	4	4

PRE PES	Dynes/cm^2	CB077, ng/l	CB154, ng/l	CB118, ng/l	CB188, ng/l	CB153, ng/l	CB105, ng/l	CB138, ng/l	CB126, ng/l	CB187, ng/l	CB128, ng/l
4/27/92-0,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/28/92-0,0	0	0.3309	0.1979	0.1825	0.0000	0.0000	0.2711	0.7730	0.0000	0.0002	0.0721
4/29/92-0,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/30/92-0,0	0	7.1720	4.2748	2.2736	0.0000	0.8534	1.4078	0.0000	2.4321	0.0603	0.4841
Average	0	1.88	1.12	0.61	0.00	0.21	0.44	0.19	0.61	0.02	0.14
St. Dev.		3.43	2.11	1.11	0.00	0.43	0.71	0.39	1.22	0.03	0.24
% RSD		183	188	181	#DIV/0!	200	162	200	200	117	165
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		7.17	4.27	2.27	0.00	0.85	1.40	0.77	2.43	0.06	0.48
n	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2										
4/27/92-2,1-B	2	2.7131	0.0000	3.5310	0.0000	5.6204	2.0101	4.9252	0.0060	2.2725	2.6022
Average	2	2.71	0.00	3.53	0.00	5.62	2.01	4.93	0.00	2.27	2.60
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		2.71	0.00	3.53	0.00	5.62	2.01	4.93	0.00	2.27	2.60
Max		2.71	0.00	3.53	0.00	5.62	2.01	4.93	0.00	2.27	2.60
n	2	1	1	1	1	1	1	1	1	1	1
4/27/92-2,2-A	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4/27/92-2,2-B	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.90	0.00	1.18	0.00	1.87	0.67	1.64	0.00	0.76	0.87
St. Dev.		1.57	0.00	2.04	0.00	3.24	1.16	2.84	0.00	1.40	1.50
% RSD		173	#DIV/0!	173	#DIV/0!	173	173	173	#DIV/0!	173	173
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		2.71	0.00	3.53	0.00	5.62	2.01	4.93	0.00	2.27	2.60
n	4	3	3	3	3	3	3	3	3	3	3
4/28/92-3,1-A	3	6.0352	0.3080	0.0000	0.0662	15.0854	4.1280	12.6371	0.0000	7.0809	2.3902
4/28/92-3,1-B	3	22.9472	2.6170	28.2309	0.0000	49.2046	8.5531	35.5701	0.0000	18.4765	6.9522
Average	3	14.49	1.46	14.12	0.03	32.15	6.34	24.10	0.00	12.78	4.67
St. Dev.		11.96	1.59	19.97	0.05	24.12	3.13	16.22	0.00	8.06	3.43
% RSD		83	107	141	141	75	49	67	#DIV/0!	63	69
Min		6.04	0.37	0.00	0.00	15.10	4.13	12.64	0.00	7.08	2.39
Max		22.94	2.62	28.24	0.07	49.20	8.56	35.57	0.00	18.48	6.95
n	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	9.2808	0.3658	16.2547	0.0000	25.1219	6.4192	19.2276	1.1859	11.5768	3.7627
4/28/92-3,2-B	3	3.0758	15.2083	45.9373	6.1950	30.0887	16.5647	28.4728	5.2315	13.5445	0.4168
Average	3	6.17	7.80	31.10	3.10	27.61	11.49	23.87	3.21	12.56	2.09
St. Dev.		4.38	10.50	20.99	4.38	3.51	7.17	6.53	2.86	1.39	2.36
% RSD		71	134	67	141	13	62	27	89	10	113
Min		3.08	0.37	16.26	0.00	25.12	6.42	19.24	1.19	11.58	0.42
Max		9.27	15.21	45.94	6.20	30.10	16.56	28.47	5.23	13.54	3.76
n	2	2	2	2	2	2	2	2	2	2	2
Average	3	10.33	4.69	22.61	1.57	29.88	8.89	23.98	1.16	12.66	3.30
St. Dev.		8.78	7.60	19.39	3.09	14.38	5.40	10.40	1.82	4.72	2.78
% RSD		85	161	86	197	48	60	43	136	37	84
Min		3.08	0.37	0.00	0.00	15.10	4.13	12.64	0.00	7.08	0.42
Max		22.94	15.21	45.94	6.20	49.20	16.56	35.57	5.23	18.48	6.95
n	4	4	4	4	4	4	4	4	4	4	4
4/28/92-4,1-A	4	13.1434	1.4932	15.4477	0.0000	24.7015	8.2115	30.2405	0.0000	9.7516	3.2097
4/28/92-4,1-B	4	26.5820	3.0601	35.8316	1.3685	61.2080	10.2243	43.4402	0.0000	24.5508	8.3921
Average	4	19.86	2.27	25.64	0.68	42.95	9.22	36.84	0.00	17.15	5.80
St. Dev.		9.50	1.10	14.41	0.97	25.81	1.42	9.33	0.00	10.46	3.74
% RSD		48	48	56	141	60	15	25	#DIV/0!	61	63
Min		13.14	1.49	15.45	0.00	24.70	8.21	30.24	0.00	9.75	3.21
Max		26.58	3.06	35.83	1.37	61.21	10.22	43.44	0.00	24.55	8.39
n	2	2	2	2	2	2	2	2	2	2	2
4/28/92-4,2-A	4	14.2852	41.9504	126.7382	25.3656	76.5831	54.8108	83.5382	15.2871	45.4158	13.5720
4/28/92-4,2-B	4	14.7987	1.2180	17.4580	0.0000	20.1711	9.0044	23.1836	0.0000	12.8702	4.4454
Average	4	14.54	21.58	72.10	12.68	48.38	31.91	53.36	7.64	29.14	9.01
St. Dev.		0.36	28.79	77.27	17.93	39.89	32.39	42.68	10.81	23.01	7.28
% RSD		2	133	107	141	66	104	80	141	79	79
Min		14.29	1.22	17.46	0.00	20.17	9.00	23.18	0.00	12.87	4.45
Max		14.80	41.95	126.74	25.37	76.58	54.81	83.54	15.29	45.42	13.57
n	2	2	2	2	2	2	2	2	2	2	2
Average	4	17.20	11.93	48.87	6.67	45.66	21.50	45.10	3.82	23.10	7.97
St. Dev.		7.39	19.96	55.72	12.44	25.97	14.83	29.18	7.66	16.18	5.88
% RSD		37	168	106	187	53	115	65	200	70	70
Min		13.14	1.22	15.45	0.00	20.17	8.21	23.18	0.00	9.75	3.39
Max		26.58	41.95	126.74	25.37	76.58	54.81	83.54	15.29	45.42	13.57
n	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	13.3287	55.4434	184.8006	24.8615	128.5234	61.6002	125.0873	13.7752	97.3922	12.8134
4/30/92-5,1-B	5	84.0882	27.5883	101.8396	0.0000	130.7601	35.3048	123.8542	0.0000	62.3237	23.3271
Average	5	48.71	41.47	143.32	12.43	129.64	48.45	124.46	6.89	79.86	18.07
St. Dev.		50.03	19.76	58.66	17.58	10.72	7.99	0.86	9.46	24.63	7.43
% RSD		104	48	41	141	11	13	1	141	6	41
Min		13.33	27.59	101.84	0.00	128.52	35.30	123.85	0.00	57.39	12.81
Max		84.09	55.44	184.80	24.86	130.76	66.60	125.09	13.78	97.39	23.33
n	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	80.0128	22.1920	118.6816	0.0000	190.6686	42.1951	140.9344	0.0000	66.0096	26.3636
4/30/92-5,2-B	5	111.8157	19.1315	120.9936	0.0000	205.8535	44.4077	153.3088	2.3303	70.9020	27.4492
Average	5	95.91	20.66	119.84	0.00	197.26	43.30	147.26	1.16	68.46	27.40
St. Dev.		22.49	2.16	1.63	0.00	9.38	1.61	8.90	1.65	3.46	0.64
% RSD		23	10	1	#DIV/0!	5	4	6	141	5	2
Min		80.01	19.13	118.68	0.00	190.67	42.20	140.93	0.00	66.01	26.37
Max		111.82	22.19	120.99	0.00	205.85	44.41	153.31	2.33	70.90	27.45
n	2	2	2	2	2	2	2	2	2	2	2
Average	5	72.32	31.07	131.58	6.22	162.45	45.94	135.86	3.53	74.16	22.64
St. Dev.		42.21	16.61	36.49	12.43	34.90	11.21	14.18	6.40	5.71	6.73
% RSD		58	53	28	200	21	24	10	163	9	30
Min		13.33	19.13	101.84	0.00	128.52	42.20	123.85	0.00	57.39	12.81
Max		111.82	55.44	184.80	24.86	205.85	66.60	153.31	13.78	70.90	27.45
n	4	4	4	4	4	4	4	4	4	4	4

PRR PRS	Dynes/cm^2	CB200, ng/l	CB180, ng/l	CB170, ng/l	CB195, ng/l	CB206, ng/l	CB066, ng/l	CB sum, ng/l	HCB, ng/l	HEPT, ng/l	ALDRIN, ng/l
4/27/92-0,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.9204	0.0000	0.0000
4/28/92-0,0	0	0.0000	0.0000	4.8407	0.1297	0.0000	0.0000	11.3434	0.1336	0.1306	2.3000
4/29/92-0,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0921	0.2320	8.4463
4/30/92-0,0	0	0.0000	1.3713	0.0000	0.0996	0.0000	1.6975	66.2711	8.0087	0.0000	0.0000
Average	0	0.00	0.34	1.21	0.06	0.00	0.42	19.40	2.94	0.10	2.74
St. Dev.		0.00	0.69	2.42	0.06	0.00	0.85	31.70	4.08	0.12	4.00
% RSD		#DIV/0!	200	200	120	#DIV/0!	200	163	156	117	146
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
Max		0.00	1.37	4.85	0.13	0.00	1.70	66.27	8.01	0.23	8.45
n	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2								20.2053	0.0000	88.4116
4/27/92-2,1-B	2	1.1645	2.5968	6.9868	2.3012	0.0000	0.0000	56.6836	0.1000	0.2426	0.0000
Average	2	1.16	2.60	6.99	2.30	0.00	0.00	56.64	10.05	0.12	44.21
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	14.22	0.17	62.56
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	[illegible]	141	141
Min		1.16	2.60	6.99	2.30	0.00	0.00	56.64	0.10	0.00	0.00
Max		1.16	2.60	6.99	2.30	0.00	0.00	56.64	20.21	0.24	88.41
n	2	1	1	1	1	1	1	1	2	2	2
4/27/92-2,2-A	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3210	0.0000	2.9703
4/27/92-2,2-B	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	1.49
St. Dev.		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	2.10
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	141	#DIV/0!	141
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	2.97
n	2	2	2	2	2	2	2	2	2	2	2
Average	2	0.39	0.87	2.33	0.83	0.00	0.00	18.88	5.11	0.06	23.15
St. Dev.		0.67	1.50	4.03	1.44	0.00	0.00	32.86	10.00	0.12	44.33
% RSD		173	173	173	173	#DIV/0!	#DIV/0!	173	196	200	192
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		1.16	2.60	6.99	2.30	0.00	0.00	56.64	20.21	0.24	88.41
n	4	3	3	3	3	3	3	3	4	4	4
4/28/92-3,1-A	3	1.0619	9.6784	0.0000	2.8303	2.6302	7.7206	94.1344	0.0000	0.0000	0.0000
4/28/92-3,1-B	3	2.8304	23.3464	14.1334	8.4736	13.3735	21.5374	343.4064	0.5280	0.0000	0.0000
Average	3	1.95	16.46	7.07	5.65	8.00	14.64	218.77	0.26	0.00	0.00
St. Dev.		1.24	9.99	9.99	3.99	7.60	9.78	176.26	0.37	0.00	0.00
% RSD		63	59	141	71	95	67	81	141	#DIV/0!	#DIV/0!
Min		1.06	9.68	0.00	2.83	2.63	7.72	94.13	0.00	0.00	0.00
Max		2.83	23.35	14.13	8.47	13.37	21.54	343.41	0.53	0.00	0.00
n	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	2.1869	14.2697	66.9664	3.9621	7.7901	13.8917	244.4866	0.3540	0.8100	2.3174
4/28/92-3,2-B	3	2.5418	28.1738	0.0000	10.5830	20.9414	23.4266	341.0080	9.0700	3.3295	0.0000
Average	3	2.36	21.22	33.48	6.27	14.37	18.66	292.75	4.42	2.08	1.16
St. Dev.		0.25	9.84	47.35	3.57	9.30	6.61	68.13	6.63	1.71	1.64
% RSD		11	46	141	49	65	36	23	135	85	141
Min		2.19	14.26	0.00	3.96	7.79	13.89	244.46	0.35	0.80	0.00
Max		2.54	28.17	66.97	10.58	20.94	23.43	341.01	9.08	3.33	2.32
n	2	2	2	2	2	2	2	2	2	2	2
Average	3	2.16	18.84	20.27	6.96	11.18	16.72	255.80	2.34	1.04	0.58
St. Dev.		0.77	8.30	31.80	3.24	7.85	7.30	117.18	4.37	1.59	1.16
% RSD		36	45	157	46	70	44	46	172	153	200
Min		1.06	9.68	0.00	2.83	2.63	7.72	94.13	0.00	0.00	0.00
Max		2.83	28.17	66.97	10.58	20.94	23.43	343.41	9.08	3.33	2.32
n	4	4	4	4	4	4	4	4	4	4	4
4/28/92-4,1-A	4	1.1613	13.1664	5.9357	4.1681	3.3365	10.3811	185.7838	0.1106	0.6632	0.0000
4/28/92-4,1-B	4	3.2080	27.5022	2.8776	12.8318	18.9101	26.3642	423.1981	1.3132	1.7072	0.0000
Average	4	2.18	19.83	4.40	8.50	11.12	18.37	304.06	0.71	1.18	0.00
St. Dev.		1.45	10.84	2.17	6.13	11.01	11.36	166.76	0.85	0.75	0.00
% RSD		66	55	49	72	99	62	55	119	64	#DIV/0!
Min		1.16	13.17	2.88	4.17	3.34	10.38	185.78	0.11	0.66	0.00
Max		3.21	27.50	5.94	12.83	18.91	26.36	423.19	1.31	1.71	0.00
n	2	2	2	2	2	2	2	2	2	2	2
4/28/92-4,2-A	4	8.1283	44.6983	3.5612	19.7230	34.3403	48.2836	177.5346	1.4732	13.9977	0.0000
4/28/92-4,2-B	4	2.3954	16.1365	0.0000	8.4245	8.8929	14.7781	731.4800	0.2542	0.8720	4.0000
Average	4	5.26	30.40	1.78	14.07	21.62	30.53	454.51	0.86	7.44	2.00
St. Dev.		4.05	20.20	2.52	7.99	17.99	23.67	391.70	0.86	9.28	2.83
% RSD		77	66	141	57	83	78	86	100	125	141
Min		2.40	16.14	0.00	8.42	8.89	14.78	177.53	0.25	0.87	0.00
Max		8.13	44.70	3.56	19.72	34.34	48.28	731.48	1.47	14.00	4.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	4	3.72	25.02	3.09	11.29	16.40	24.36	379.29	0.80	4.31	1.00
St. Dev.		3.06	14.46	2.46	6.64	13.80	18.54	241.84	0.70	6.48	2.00
% RSD		82	58	79	59	84	64	64	88	150	200
Min		1.16	13.17	0.00	4.17	3.34	10.38	177.53	0.11	0.66	0.00
Max		8.13	44.70	5.94	19.72	34.34	48.28	731.48	1.47	14.00	4.00
n	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	13.7434	88.3241	22.1188	46.8899	75.3218	108.5441	1412.8441	13.9654	8.4773	0.0000
4/30/92-5,1-B	5	9.7042	81.4359	22.3726	30.1880	51.2022	73.3979	1226.3710	4.1760	5.8467	0.0000
Average	5	11.72	84.88	22.25	38.44	63.79	90.43	1319.61	9.07	7.16	0.00
St. Dev.		2.86	4.86	0.18	11.67	16.36	24.82	131.85	6.92	1.86	0.00
% RSD		24	6	1	30	26	28	10	76	26	#DIV/0!
Min		9.70	81.44	22.12	30.19	51.20	73.38	1226.37	4.18	5.85	0.00
Max		13.74	88.32	22.37	46.69	75.32	108.54	1412.84	13.97	8.48	0.00
n	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	15.2000	95.8280	34.4128	32.8534	54.1181	71.0752	1390.0096	3.4686	0.0700	0.0000
4/30/92-5,2-B	5	9.3072	89.9030	23.6498	33.8325	59.2041	88.1599	1479.3277	4.1365	4.7182	0.0000
Average	5	12.26	92.86	29.03	33.44	57.16	79.62	1434.67	3.80	2.36	0.00
St. Dev.		4.17	4.18	7.61	0.69	2.38	12.08	63.16	0.47	3.34	0.00
% RSD		34	5	26	2	4	15	4	12	141	#DIV/0!
Min		9.31	89.90	23.65	32.85	54.12	71.08	1390.01	3.47	0.07	0.00
Max		15.20	95.83	34.41	33.83	59.20	88.16	1479.33	4.14	4.72	0.00
n	2	2	2	2	2	2	2	2	2	2	2
Average	5	11.99	88.87	25.64	35.94	60.73	85.02	1377.14	6.44	4.76	0.00
St. Dev.		2.91	5.91	5.89	7.34	10.14	17.81	107.41	5.03	3.54	0.00
% RSD		24	7	23	20	17	21	8	78	74	#DIV/0!
Min		9.31	81.44	22.12	30.19	51.20	71.08	1226.37	3.47	0.07	0.00
Max		15.20	95.83	34.41	46.69	75.32	108.54	1479.33	13.97	8.48	0.00
n	4	4	4	4	4	4	4	4	4	4	4

PIR PRS	Dimethoate*2	OP'DDD, ng/l	DIELDRIN, ng/l	PP'DDE, ng/l	OP'DDE, ng/l	PP'DDD, ng/l	OP'DDT, ng/l	HEXACL, ng/l	MAP, ng/l	MBR, ng/l
4/27/93-6,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.7210	0.00	0.00
4/28/93-6,0	0	0.7079	0.0000	0.0000	0.0000	0.0000	0.0000	0.8084	0.00	0.00
4/29/93-6,0	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1713	0.00	0.00
4/29/93-6,0	0	0.7080	0.1045	0.0000	2.0546	0.0000	0.0000	0.5100	0.00	0.00
Average	0	0.18	0.04	0.00	0.64	0.00	0.00	0.81	0.00	0.00
St. Dev.		0.35	0.00	0.00	1.33	0.00	0.00	1.01	0.00	0.00
% RSD		200	200	#DIV/0!	200	#DIV/0!	#DIV/0!	124	#DIV/0!	#DIV/0!
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.71	0.10	0.00	2.05	0.00	0.00	2.72	0.00	0.00
n	4	4	4	4	4	4	4	4	4	4
4/27/93-2,1-A	2	119.0041	68.4004	108.1015	0.0000	0.0000	0.0000	156.6406	0.00	0.00
4/27/93-2,1-B	2	0.0000	0.0000	2.4004	0.0000	0.0000	0.0000	1.1704	137.10	0.00
Average	2	59.50	33.75	55.30	0.00	0.00	0.00	78.91	78.55	0.00
St. Dev.		84.18	46.36	74.68	0.00	0.00	0.00	108.70	111.00	0.00
% RSD		141	141	135	#DIV/0!	#DIV/0!	#DIV/0!	139	141	#DIV/0!
Min		0.00	0.00	2.40	0.00	0.00	0.00	1.17	0.00	0.00
Max		119.00	68.00	108.10	0.00	0.00	0.00	156.05	157.10	0.00
n	2	2	2	2	2	2	2	2	2	2
4/27/93-3,1-A	3	0.8369	2.3254	1.3091	0.0000	0.0000	0.0000	0.0000		
4/27/93-3,1-B	3	0.0000	0.0000	2.7275	0.0000	0.0000	0.0000	23.7384	0.00	0.00
Average	3	0.42	1.11	2.03	0.00	0.00	0.00	11.87	0.00	0.00
St. Dev.		0.59	1.57	0.50	0.00	0.00	0.00	16.79	#DIV/0!	#DIV/0!
% RSD		141	141	13	#DIV/0!	#DIV/0!	#DIV/0!	141	#DIV/0!	#DIV/0!
Min		0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00
Max		0.84	2.33	2.73	0.00	0.00	0.00	23.74	0.00	0.00
n	2	2	2	2	2	2	2	2	1	1
Average	3	28.26	16.80	28.38	0.00	0.00	0.00	35.20	52.37	0.00
St. Dev.		39.26	23.40	52.80	0.00	0.00	0.00	72.86	98.70	0.00
% RSD		139	139	183	#DIV/0!	#DIV/0!	#DIV/0!	144	173	#DIV/0!
Min		0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00
Max		119.00	68.00	108.10	0.00	0.00	0.00	156.05	157.10	0.00
n	4	4	4	4	4	4	4	4	3	3
4/26/93-3,1-A	3	4.3350	1.3765	4.1965	0.0000	0.0000	0.0000	0.0000	253.31	43.84
4/28/93-3,1-B	3	0.0000	7.1734	17.3576	0.0000	0.0000	0.0000	2.0819	305.64	260.84
Average	3	2.17	4.28	10.77	0.00	0.00	0.00	1.04	279.47	152.44
St. Dev.		3.07	4.29	9.24	0.00	0.00	0.00	1.48	106.30	153.39
% RSD		141	100	87	#DIV/0!	#DIV/0!	#DIV/0!	141	38	98
Min		0.00	1.38	4.19	0.00	0.00	0.00	0.00	128.31	43.84
Max		4.34	7.17	17.36	0.00	0.00	0.00	2.08	305.64	260.84
n	2	2	2	2	2	2	2	2	2	2
4/21/93-3,2-A	3	0.0000	2.5077	6.8435	0.0000	0.0000	0.0000	13.9936	0.00	304.48
4/28/93-3,2-B	3	7.3764	3.0177	21.2553	9.4437	4.8898	0.0000	2.5881	0.00	0.00
Average	3	3.69	2.79	14.05	4.72	2.35	0.00	8.29	0.00	152.24
St. Dev.		5.22	0.38	10.19	6.68	3.39	0.00	8.05	0.00	185.88
% RSD		141	13	73	141	141	#DIV/0!	98	#DIV/0!	245
Min		0.00	2.51	5.84	0.00	0.00	0.00	2.00	0.00	0.00
Max		7.38	3.05	36.26	9.44	4.66	0.00	13.99	0.00	304.48
n	2	2	2	2	2	2	2	2	2	2
Average	3	2.58	3.30	12.16	3.36	1.26	0.00	5.76	164.34	125.30
St. Dev.		3.69	1.26	8.19	4.72	2.23	0.00	6.38	158.67	118.71
% RSD		137	73	66	200	200	#DIV/0!	130	125	97
Min		0.00	1.24	4.28	0.00	0.00	0.00	0.00	0.00	0.00
Max		7.38	7.17	36.26	9.44	4.66	0.00	13.99	305.64	251.60
n	4	4	4	4	4	4	4	4	4	4
4/28/93-4,1-A	4	8.3137	3.0000	10.7954	0.0000	0.0000	0.0000	0.2412	918.06	436.62
4/28/93-4,1-B	4	18.4411	6.5172	0.0000	0.0000	8.3732	0.0000	0.0191	1047.04	673.51
Average	4	13.38	4.76	5.38	0.00	4.19	0.00	0.13	982.55	555.06
St. Dev.		7.14	4.64	7.61	0.00	5.93	0.00	0.18	166.37	178.34
% RSD		54	98	141	#DIV/0!	141	#DIV/0!	67	11	32
Min		8.34	3.30	0.00	0.00	0.00	0.00	0.02	918.06	436.62
Max		18.44	9.83	10.77	0.00	8.37	0.00	0.41	1047.04	673.51
n	2	2	2	2	2	2	2	2	2	2
4/29/93-4,2-A	4	11.6403	5.9386	30.9316	26.0401	32.0734	0.0000	5.7774	323.69	0.00
4/29/93-4,2-B	4	0.0000	3.5720	0.0000	0.0000	0.0000	0.0000	0.1615	1083.92	466.91
Average	4	5.82	4.76	15.46	13.00	16.04	0.00	2.97	703.78	233.45
St. Dev.		8.24	1.70	43.81	18.41	22.68	0.00	4.08	538.02	330.19
% RSD		141	61	141	141	141	#DIV/0!	137	76	141
Min		0.00	3.57	0.00	0.00	0.00	0.00	0.16	323.69	0.00
Max		11.65	8.94	30.93	26.04	32.08	0.00	8.78	1083.92	466.91
n	2	2	2	2	2	2	2	2	2	2
Average	4	9.00	6.01	17.40	6.51	10.80	0.00	1.88	840.65	401.91
St. Dev.		7.36	3.28	26.14	13.02	15.27	0.00	3.74	307.96	286.37
% RSD		82	55	150	200	100	#DIV/0!	163	43	71
Min		0.00	3.30	0.00	0.00	0.00	0.00	0.16	323.69	0.00
Max		18.44	9.84	30.93	26.04	32.08	0.00	8.78	1083.92	673.51
n	4	4	4	4	4	4	4	4	4	4
4/30/93-5,1-A	5	11.8215	11.2046	79.5398	34.6147	20.4365	15.9268	5.8610	21.87	0.00
4/30/93-5,1-B	5	18.3815	28.3771	77.8363	0.0000	0.0000	0.0000	3.4006	1737.43	830.58
Average	5	15.04	19.79	78.71	17.31	10.23	7.96	4.63	879.65	415.29
St. Dev.		4.96	12.13	1.20	24.48	14.46	11.25	1.66	1341.55	586.97
% RSD		9	61	2	141	141	141	73	126	141
Min		10.26	11.20	77.86	0.00	0.00	0.00	3.40	21.87	0.00
Max		21.82	28.38	79.56	34.61	20.45	15.93	5.86	1737.43	830.58
n	2	2	2	2	2	2	2	2	2	2
5/30/93-5,2-A	5	59.8806	33.3184	86.8334	0.0000	0.0000	0.0000	0.0000	2754.44	1319.23
4/30/93-5,2-B	5	68.9496	33.2867	100.4402	0.0000	0.0000	0.0000	1.3573	3340.45	1475.38
Average	5	64.41	33.30	93.63	0.00	0.00	0.00	0.68	3047.44	1397.30
St. Dev.		6.42	0.02	9.63	0.00	0.00	0.00	0.96	66.88	110.49
% RSD		10	0	10	#DIV/0!	#DIV/0!	#DIV/0!	141	2	8
Min		59.89	33.29	86.83	0.00	0.00	0.00	0.00	2754.44	1319.23
Max		68.95	33.33	100.44	0.00	0.00	0.00	1.36	3340.45	1475.38
n	2	2	2	2	2	2	2	2	2	2
Average	5	37.48	26.63	84.17	8.66	5.11	3.98	3.68	2197.96	913.84
St. Dev.		28.11	10.46	10.38	17.31	10.23	7.95	3.89	1364.24	642.91
% RSD		83	70	13	200	100	100	97	74	73
Min		10.26	11.20	77.86	0.00	0.00	0.00	0.00	21.87	0.00
Max		68.95	33.33	100.44	34.61	20.45	15.93	8.91	3340.45	1475.38
n	4	4	4	4	4	4	4	4	4	4

PRE PES	Dynes/cm^2	1MN, ug/l	MP, ug/l	DMN, ug/l	ACL, ug/l	ACT, ug/l	TMN, ug/l	FLU, ug/l	PHE, ug/l	ANT, ug/l	1MP, ug/l	FLA, ug/l	PYR, ug/l
4/27/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	5.07	0.00	0.00	5.28	5.75	0.00
4/28/92-0,0	0	0.00	0.00	0.00	0.00	0.00	0.00	19.95	0.00	12.86	0.00	44.87	19.83
4/29/92-0,0	0	0.00	7.21	0.00	0.[illegible]	0.00	0.00	0.00	0.00	2.41	14.96	16.64	23.40
4/30/92-0,0	0	0.00	0.00	0.00	0.[illegible]	0.00	0.00	0.00	68.23	19.54	0.00	128.92	110.43
Average	0	0.00	1.81	0.00	0.00	0.00	0.00	6.41	15.81	8.59	5.06	48.80	38.19
St. Dev.		0.00	3.61	0.00	0.00	0.00	0.00	9.43	31.41	8.12	7.08	55.75	48.30
% RSD		#DIV/0!	200	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	147	200	126	139	114	139
Min		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75	0.00
Max		0.00	7.21	0.00	0.00	0.00	0.00	19.95	68.23	19.54	14.96	128.92	110.43
n	4	4	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2	0.00	56.40	21.13	0.00	0.00	0.00	17.20	36.86	23.75	14.65	584.70	606.14
4/27/92-2,1-B	2	0.00	209.84	188.86	0.00	0.06	0.00	36.13	108.43	22.84	31.91	309.36	301.93
Average	2	0.00	133.27	105.00	0.00	0.00	0.00	26.71	72.64	23.30	23.28	477.08	404.08
St. Dev.		0.00	108.20	118.46	0.00	0.00	0.00	13.38	50.60	0.64	12.20	166.05	128.54
% RSD		#DIV/0!	81	113	#DIV/0!	#DIV/0!	#DIV/0!	50	70	3	52	35	30
Min		0.00	56.40	21.13	0.00	0.00	0.00	17.20	36.86	22.84	14.65	309.35	301.93
Max		0.00	209.84	188.86	0.00	0.00	0.00	36.13	108.43	23.75	31.91	584.70	606.14
n	2	2	2	2	2	2	2	2	2	2	2	2	2
4/27/92-2,2-A	2				0.00	0.00	0.00	28.60	81.92	18.24	30.54	280.84	340.01
4/27/92-2,2-B	2	0.00	124.06	21.96	0.00	0.00	0.00	10.23	94.85	24.92	9.60	445.76	470.93
Average	2	0.00	124.06	21.96	0.00	0.00	0.00	19.42	88.39	21.58	20.26	363.30	405.47
St. Dev.		#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.00	0.00	12.99	9.14	4.72	21.08	166.05	92.58
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	67	10	22	80	30	30
Min		0.00	124.06	21.96	0.00	0.00	0.00	10.23	81.92	18.24	9.60	280.84	340.01
Max		0.00	124.06	21.96	0.00	0.00	0.00	28.60	94.85	24.92	30.54	445.76	470.93
n	2	1	1	1	2	2	2	2	2	2	2	2	2
Average	2	0.00	150.07	77.34	0.00	0.00	0.00	23.06	80.51	22.44	21.76	421.07	431.75
St. Dev.		0.00	76.40	94.68	0.00	0.00	0.00	11.54	31.46	4.08	14.20	108.37	118.33
% RSD		#DIV/0!	50	126	#DIV/0!	#DIV/0!	#DIV/0!	50	39	13	68	26	26
Min		0.00	56.40	21.13	0.00	0.00	0.00	10.23	36.86	18.24	9.60	280.84	301.93
Max		0.00	209.84	188.86	0.00	0.00	0.00	36.13	108.43	24.92	31.91	584.70	606.14
n	4	3	3	3	4	4	4	4	4	4	4	4	4
4/28/92-3,1-A	3	0.00	141.51	151.74	0.00	0.00	0.06	104.20	403.78	117.40	81.65	1142.80	1182.36
4/28/92-3,1-B	3	0.00	120.50	0.00	0.00	0.00	0.00	95.75	541.03	132.37	80.17	2071.11	1915.35
Average	3	0.00	131.01	75.87	0.00	0.00	0.00	100.08	472.40	124.80	80.91	1607.00	1548.86
St. Dev.		0.00	8.50	107.30	0.00	0.00	0.00	6.04	97.04	10.63	1.05	656.38	518.30
% RSD		#DIV/0!	6	141	#DIV/0!	#DIV/0!	#DIV/0!	6	21	8	1	41	33
Min		0.00	120.00	0.00	0.00	0.00	0.00	95.75	403.78	117.40	80.17	1142.80	1182.36
Max		0.00	141.51	151.74	0.00	0.00	0.00	104.20	541.03	132.37	81.65	2071.11	1915.35
n	2	2	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	1.90	148.04	237.38	0.00	0.00	0.00	91.43	358.31	159.67	91.34	1067.17	1767.34
4/28/92-3,2-B	3	0.20	0.00	0.00	0.00	0.00	0.00	3.91	30.07	31.37	15.37	334.06	380.42
Average	3	0.95	74.47	118.69	0.00	0.00	0.00	40.76	194.19	96.02	53.46	1,200.61	1,146.98
St. Dev.		1.34	110.46	168.24	0.00	0.00	0.00	60.66	230.30	90.73	53.88	962.80	874.78
% RSD		141	141	141	#DIV/0!	#DIV/0!	#DIV/0!	124	118	94	100	70	76
Min		0.00	0.00	0.00	0.00	0.00	0.00	3.91	30.07	31.37	15.37	334.06	380.42
Max		1.90	148.04	237.38	0.00	0.00	0.00	91.43	358.31	159.67	91.34	1067.17	1767.34
n	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	0.47	102.80	97.48	0.00	0.00	0.00	74.30	333.29	110.50	67.18	1405.80	1348.90
St. Dev.		0.95	78.14	117.86	0.00	0.00	0.00	45.06	220.06	53.40	34.76	707.50	630.41
% RSD		200	69	121	#DIV/0!	#DIV/0!	#DIV/0!	61	61	48	52	50	47
Min		0.00	0.00	0.00	0.00	0.00	0.00	3.91	30.07	31.37	15.37	334.06	380.42
Max		1.90	148.04	237.38	0.00	0.00	0.00	104.20	541.03	159.67	91.34	2071.11	1915.35
n	4	4	4	4	4	4	4	4	4	4	4	4	4
4/29/92-4,1-A	4	81.31	326.40	260.05	9.91	0.00	0.00	162.26	1025.33	340.24	187.34	2304.04	2311.50
4/29/92-4,1-B	4	309.32	418.61	428.63	7.11	0.00	0.00	114.60	943.87	328.48	174.86	2086.81	2142.31
Average	4	195.31	372.51	344.34	8.51	0.00	0.00	138.43	984.60	334.36	181.10	2197.43	2226.91
St. Dev.		161.23	65.40	119.20	1.98	0.00	0.00	33.63	57.60	8.36	7.41	154.26	119.70
% RSD		83	17	35	23	#DIV/0!	#DIV/0!	24	6	3	4	7	5
Min		81.31	326.40	260.05	7.11	0.00	0.00	114.60	943.87	328.48	174.86	2086.81	2142.31
Max		309.32	418.61	428.63	9.91	0.00	0.00	162.26	1025.33	340.24	187.34	2304.04	2311.50
n	2	2	2	2	2	2	2	2	2	2	2	2	2
4/29/92-4,2-A	4	0.00	25.81	90.36	48.34	0.00	0.00	148.46	1215.95	372.00	120.74	4651.91	4467.20
4/29/92-4,2-B	4	248.47	343.00	346.42	7.14	0.00	0.00	197.37	1038.31	419.52	201.54	2648.46	2428.04
Average	4	124.24	184.40	218.40	27.60	0.00	0.00	172.91	1127.13	395.76	161.14	3650.00	3448.07
St. Dev.		175.40	224.20	180.90	28.87	0.00	0.00	34.59	125.61	33.16	57.13	1416.70	1441.40
% RSD		141	122	83	105	#DIV/0!	#DIV/0!	20	11	8	36	40	42
Min		0.00	25.81	90.36	7.14	0.00	0.00	148.46	1038.31	372.00	120.74	2648.46	2428.04
Max		248.47	343.00	346.42	48.34	0.00	0.00	197.37	1215.95	419.52	201.54	4651.91	4467.20
n	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	159.77	278.45	281.40	18.10	0.00	0.00	155.67	1055.88	365.08	171.62	2873.80	2837.51
St. Dev.		148.66	173.17	144.67	20.14	0.00	0.00	34.34	114.61	33.10	38.39	1123.84	1095.87
% RSD		93	62	51	111	#DIV/0!	#DIV/0!	22	11	9	22	39	39
Min		0.00	25.81	90.36	7.11	0.00	0.00	114.60	943.87	[illegible]	[illegible]	[illegible]	[illegible]
Max		309.32	418.61	428.63	48.34	0.00	0.00	197.37	1215.95	419.52	201.54	4651.91	4467.20
n	4	4	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	0.00	50.01	142.46	10.33	0.00	0.00	246.57	2409.30	709.40	466.20	5467.11	5481.77
4/30/92-5,1-B	5	447.15	848.11	1192.84	131.74	0.00	0.00	470.74	3437.10	1104.36	373.30	7480.36	7194.36
Average	5	223.58	449.06	667.65	71.04	0.00	0.00	358.66	2923.20	907.28	419.75	6473.60	6338.16
St. Dev.		316.20	564.30	742.73	85.85	0.00	0.00	158.51	726.76	279.21	65.70	1423.61	1203.75
% RSD		141	126	111	121	#DIV/0!	#DIV/0!	44	25	31	16	22	19
Min		0.00	50.01	142.46	10.33	0.00	0.00	246.57	2409.30	709.40	373.30	5467.11	5481.77
Max		447.15	848.11	1192.84	131.74	0.00	0.00	470.74	3437.10	1104.36	466.20	7480.36	7194.36
n	2	2	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	532.61	646.10	1046.40	0.00	0.00	0.00	286.80	2573.08	613.27	362.42	5008.75	6344.45
4/30/92-5,2-B	5	445.36	1826.13	1135.66	121.34	0.00	0.00	396.61	2548.31	869.21	394.88	7969.83	8275.30
Average	5	488.98	1236.11	1091.03	60.67	0.00	0.00	341.75	2560.66	741.24	378.76	6888.79	7309.87
St. Dev.		61.70	834.41	63.11	85.80	0.00	0.00	63.44	18.88	180.74	22.86	1466.70	1366.33
% RSD		13	68	6	141	#DIV/0!	#DIV/0!	19	1	24	6	21	19
Min		445.36	646.10	1046.40	0.00	0.00	0.00	286.80	2548.31	613.27	362.42	5008.75	6344.45
Max		532.61	1826.13	1135.66	121.34	0.00	0.00	396.61	2573.08	869.21	394.88	7969.83	8275.30
n	2	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	356.28	842.61	879.34	65.86	0.00	0.00	350.20	2742.43	824.23	399.30	3706.[illegible]	6817.42
St. Dev.		240.96	730.00	494.80	70.33	0.00	0.00	97.85	466.78	206.30	46.46	1306.1[illegible]	1205.28
% RSD		68	38	56	107	#DIV/0!	#DIV/0!	28	17	25	12	18	18
Min		0.00	50.01	142.46	0.00	0.00	0.00	246.57	2409.30	613.27	362.42	5467.11	5481.77
Max		532.61	1826.13	1192.84	131.74	0.00	0.00	470.74	3437.10	1104.36	466.20	7969.83	8275.30
n	4	4	4	4	4	4	4	4	4	4	4	4	4

PAH PES	Dynes/cm^2	BAA, ng/l	CHR, ng/l	BBF, ng/l	BKF, ng/l	BEP, ng/l	BAP, ng/l	PER, ng/l	INP, ng/l	DBA, ng/l	BPE, ng/l	Σ PAHs, ng/l
4/27/92-0,0	0	7.21	0.00	26.64	9.95	13.52	9.10	27.78	0.00	0.00	0.00	112.89
4/28/92-0,0	0	0.00	0.00	26.94	31.46	40.19	0.00	0.00	0.00	0.00	0.00	195.04
4/29/92-0,0	0	10.77	12.51	33.31	36.41	21.52	25.85	8.04	0.00	0.00	7.80	234.14
4/30/92-0,0	0	48.71	30.00	203.25	78.99	207.42	220.43	1642.97	141.55	0.00	131.50	3087.22
Average	0	16.67	10.63	72.83	39.20	71.31	63.85	424.70	35.39	0.00	34.83	907.32
St. Dev.		23.03	14.30	87.30	30.90	90.84	105.91	812.00	70.77	0.00	64.07	1440.07
% RSD		138	134	120	74	126	166	194	200	#DIV/0!	186	161
Min		0.00	0.00	26.64	9.95	15.52	0.00	0.00	0.00	0.00	0.00	112.89
Max		48.71	30.00	203.25	78.99	207.42	220.43	1642.97	141.55	0.00	131.50	3087.22
n	4	4	4	4	4	4	4	4	4	4	4	4
4/27/92-2,1-A	2	104.88	233.75	280.08	264.32	54.08	237.85	15.24	46.84	0.00	4.48	2871.14
4/27/92-2,1-B	2	191.12	218.27	12.94	659.25	0.00	146.02	18.29	19.10	0.00	10.11	2551.58
Average	2	147.88	226.01	146.40	461.78	27.04	191.94	16.77	32.97	0.00	7.29	2711.36
St. Dev.		61.08	10.94	188.86	279.54	38.20	64.53	2.16	19.05	0.00	3.97	226.21
% RSD		42	5	129	61	141	34	13	58	#DIV/0!	53	7
Min		104.88	218.27	12.94	264.32	0.00	146.02	15.24	19.10	0.00	4.48	2551.58
Max		191.12	233.75	280.08	659.25	54.08	237.85	18.29	46.84	0.00	10.11	2871.14
n	2	2	2	2	2	2	2	2	2	2	2	2
4/27/92-2,2-A	2	92.83	239.33	244.92	87.50	280.44	196.42	7.00	69.08	0.00	86.06	3123.41
4/27/92-2,2-B	2	53.54	236.40	134.83	168.50	330.76	194.54	0.00	0.00	0.00	0.00	2340.29
Average	2	73.18	237.87	189.87	128.00	305.60	195.48	3.54	34.54	0.00	43.03	2731.85
St. Dev.		27.78	2.07	77.99	57.28	35.58	1.33	4.95	48.85	0.00	60.85	553.50
% RSD		38	1	41	45	12	1	141	141	#DIV/0!	141	20
Min		53.54	236.40	134.83	87.50	280.44	194.54	0.00	0.00	0.00	0.00	2340.29
Max		92.83	239.33	244.92	168.50	330.76	196.42	7.00	69.08	0.00	86.06	3123.41
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	2	110.38	231.94	168.13	294.89	166.32	193.71	10.16	33.75	0.00	25.16	2721.61
St. Dev.		56.32	9.30	126.34	271.40	164.40	37.35	8.36	30.88	0.00	40.78	363.30
% RSD		50	4	75	92	99	19	82	91	#DIV/0!	162	13
Min		53.54	218.27	12.94	87.50	0.00	146.02	0.00	0.00	0.00	0.00	2340.29
Max		191.12	239.33	280.08	659.25	330.76	237.85	18.29	69.08	0.00	86.06	3123.41
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/92-3,1-A	3	525.30	927.17	1126.36	651.56	925.30	[illegible]	340.06	605.99	185.72	793.26	10649.08
4/28/92-3,1-B	3	554.99	1124.10	2007.30	835.27	1236.29	1044.52	547.25	804.08	74.00	902.30	14777.32
Average	3	540.14	1025.63	1566.83	743.41	1080.80	962.74	443.65	705.04	129.86	847.78	12713.17
St. Dev.		21.01	139.26	622.90	129.19	219.76	115.46	146.56	140.88	78.44	77.17	2919.14
% RSD		4	14	40	17	20	12	33	19	60	9	23
Min		525.30	927.17	1126.36	651.56	925.30	880.96	340.06	605.99	74.00	793.26	10649.08
Max		554.99	1124.10	2007.30	835.27	1236.29	1044.52	547.25	804.08	185.72	902.30	14777.32
n	2	2	2	2	2	2	2	2	2	2	2	2
4/28/92-3,2-A	3	612.46	1044.87	1343.29	1004.66	1310.10	1148.21	96.40	925.39	151.56	565.40	13620.81
4/28/92-3,2-B	3	107.21	280.11	274.13	266.00	276.86	214.16	151.20	261.12	2.46	307.19	3286.86
Average	3	359.83	662.49	808.71	635.33	793.48	681.18	123.80	593.26	77.01	436.30	8453.84
St. Dev.		357.27	540.40	756.06	522.10	730.88	660.46	38.74	469.36	105.43	182.07	7307.21
% RSD		99	82	93	82	92	97	31	79	137	42	86
Min		107.21	280.11	274.13	266.00	276.86	214.16	96.40	261.12	2.46	307.19	3286.86
Max		612.46	1044.87	1343.29	1004.66	1310.10	1148.21	151.20	925.39	151.56	565.40	13620.81
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	3	449.99	844.06	1187.77	689.37	937.14	821.96	283.73	649.15	103.44	642.04	10583.51
St. Dev.		231.15	390.47	718.15	304.08	470.46	420.14	203.37	306.47	80.98	270.46	5126.74
% RSD		51	46	60	47	50	51	72	44	78	42	49
Min		107.21	280.11	274.13	266.00	276.86	214.16	96.40	261.12	2.46	307.19	3286.86
Max		612.46	1124.10	2007.30	1004.66	1310.10	1148.21	547.25	925.39	185.72	902.30	14777.32
n	4	4	4	4	4	4	4	4	4	4	4	4
4/28/92-4,1-A	4	981.57	1464.15	1667.80	1152.80	1308.86	1468.28	547.57	1328.79	358.40	1421.67	20056.80
4/28/92-4,1-B	4	863.67	1308.08	1122.12	2014.99	1337.33	1312.08	586.72	1040.22	250.24	1477.90	20018.09
Average	4	922.62	1386.12	1394.96	1583.90	1323.10	1390.18	567.15	1184.51	304.32	1449.78	20037.45
St. Dev.		83.37	110.36	385.86	609.66	20.14	110.45	27.68	204.75	76.48	39.76	27.44
% RSD		9	8	28	38	2	8	5	17	25	3	0
Min		863.67	1308.08	1122.12	1152.80	1308.86	1312.08	547.57	1040.22	250.24	1421.67	20018.09
Max		981.57	1464.15	1667.80	2014.99	1337.33	1468.28	586.72	1328.79	358.40	1477.90	20056.80
n	2	2	2	2	2	2	2	2	2	2	2	2
4/28/92-4,2-A	4	1029.76	1907.97	2461.73	2022.06	2643.15	1785.40	1518.64	940.20	212.45	2444.23	28306.70
4/28/92-4,2-B	4	1014.81	1535.14	1474.88	1406.58	1445.30	1407.08	737.41	1303.40	524.17	1377.92	21708.47
Average	4	1022.30	1721.56	1968.30	1714.33	2044.23	1596.24	1128.03	1121.84	368.31	1911.07	25007.59
St. Dev.		10.59	263.40	697.93	435.33	847.15	267.44	552.27	256.51	220.43	754.04	4728.88
% RSD		1	14	35	25	41	17	49	23	60	40	19
Min		1014.81	1535.14	1474.88	1406.58	1445.30	1407.08	737.41	940.20	212.45	1377.92	21708.47
Max		1029.76	1907.97	2461.73	2022.06	2643.15	1785.40	1518.64	1303.40	524.17	2444.23	28306.70
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	4	972.46	1553.84	1681.63	1649.11	1683.66	1493.21	847.59	1153.17	336.34	1680.43	22522.52
St. Dev.		75.27	255.13	547.06	436.96	602.31	200.41	463.40	180.96	136.09	521.71	3976.44
% RSD		8	16	34	27	39	13	55	16	41	31	18
Min		863.67	1308.08	1122.12	1152.80	1308.86	1312.08	547.57	940.20	212.45	1377.92	20018.09
Max		1029.76	1907.97	2461.73	2022.06	2643.15	1785.40	1518.64	1328.79	524.17	2444.23	28306.70
n	4	4	4	4	4	4	4	4	4	4	4	4
4/30/92-5,1-A	5	2106.19	3424.87	3301.89	2726.47	3240.32	2845.95	1721.08	4230.30	1505.30	4568.74	43085.09
4/30/92-5,1-B	5	3201.38	4366.67	4674.37	4462.08	3717.71	4343.64	1451.40	3201.81	990.42	3501.66	56125.20
Average	5	2653.78	3895.77	3988.13	3594.28	3479.02	3594.80	1586.25	3716.06	1247.86	4035.20	49605.14
St. Dev.		774.49	666.08	970.65	1227.08	337.66	1059.31	190.69	727.27	364.10	754.51	9220.64
% RSD		29	17	24	34	10	29	12	20	29	19	19
Min		2106.19	3424.87	3301.89	2726.47	3240.32	2845.95	1451.40	3201.81	990.42	3501.66	43085.09
Max		3201.38	4366.67	4674.37	4462.08	3717.71	4343.64	1721.08	4230.30	1505.30	4568.74	56125.20
n	2	2	2	2	2	2	2	2	2	2	2	2
4/30/92-5,2-A	5	2391.85	3466.75	4509.56	5339.81	3940.45	3765.13	1392.81	3016.01	658.65	3579.44	54879.83
4/30/92-5,2-B	5	2733.43	4561.39	4172.67	5923.79	4495.91	5188.46	1730.21	3458.40	833.41	4191.42	64106.71
Average	5	2562.64	4014.07	4341.12	5631.80	4218.18	4476.80	1561.51	3237.21	746.03	3885.43	59493.27
St. Dev.		241.47	774.01	238.26	412.94	392.77	1006.44	238.73	312.47	123.57	432.74	6524.48
% RSD		9	19	5	7	9	22	15	10	17	11	11
Min		2391.85	3466.75	4172.67	5339.81	3940.45	3765.13	1392.81	3016.01	658.65	3579.44	54879.83
Max		2733.43	4561.39	4509.56	5923.79	4495.91	5188.46	1730.21	3458.40	833.41	4191.42	64106.71
n	2	2	2	2	2	2	2	2	2	2	2	2
Average	5	2607.98	3954.92	4164.63	4612.95	3848.60	4035.80	1573.88	3476.63	996.95	3960.32	54549.21
St. Dev.		471.66	583.33	598.79	1390.19	516.73	948.80	183.98	554.18	399.47	544.41	8834.12
% RSD		18	15	14	30	13	23	12	16	40	14	16
Min		2106.19	3424.87	3301.89	2726.47	3240.32	2845.95	1392.81	3016.01	658.65	3501.66	43085.09
Max		3201.38	4561.39	4674.37	5923.79	4495.91	5188.46	1730.21	4230.30	1505.30	4568.74	64106.71
n	4	4	4	4	4	4	4	4	4	4	4	4

APPENDIX 5. ROCKY POINT PES DATA (RP PES)

RP PES

	Diam^2	Filter#	Amt filtered, g	Vol filtered, ml	TSS, mg/L	C5000, ng/g	C5018, ng/g	C5000, ng/g	C5000, ng/g	C5[illegible], ng/g	C5002, ng/g
4/20/92-0,0	0.00	42.00	0.00	100.00	4.00	0.00	0.00	41.79	0.00	0.00	[illegible]
4/22/92-0,0	0.00	49.00	0.00	100.00	14.00	0.00	11.77	0.00	0.00	0.00	6.41
4/23/92-0,0	0.00	75.00	0.00	100.00	49.00	31.45	12.94	11.41	9.45	14.47	5.08
4/24/92-0,0	0.00	88.00	0.00	100.00	33.00						
AVERAGE			0.00	100.00	25.00	10.48	8.24	17.73	3.15	4.80	3.83
STD. DEV			0.00	0.00	20.08	18.14	7.16	25.60	5.46	8.13	3.37
%RSD			0.00	0.00	0.80	1.73	0.87	1.33	1.73	1.73	0.88
MIN			0.00	100.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX			0.00	100.00	49.00	31.45	12.94	41.79	9.45	14.47	6.41
n			4.00	4.00	4.00	3.00	3.00	3.00	3.00	3.00	3.00
4/20/92-2,1-A	2.00	44.00	0.02	50.00	330.00	0.00	0.00	0.37	4.37	0.37	0.00
4/20/92-2,1-B	2.00	48.00	0.02	50.00	500.00	2.10	6.00	19.46	3.28	11.43	9.01
AVERAGE			0.02	50.00	415.00	1.40	3.00	10.24	3.83	5.90	4.50
STD. DEV			0.00	0.00	21.21	1.98	4.24	13.24	0.77	7.82	5.01
%RSD			0.04	0.00	0.04	1.41	1.41	1.29	0.20	1.33	1.31
MIN			0.02	50.00	330.00	0.00	0.00	0.37	3.28	0.37	0.00
MAX			0.02	50.00	500.00	2.80	6.00	19.46	4.37	11.43	9.01
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	47.00	0.03	50.00	538.00	1.24	0.35	0.00	0.02	2.06	1.23
4/20/92-2,2-B	2.00	49.00	0.03	50.00	542.00	0.00	0.00	0.00	0.00	2.19	1.37
AVERAGE			0.03	50.00	540.00	0.62	0.17	0.00	0.00	2.13	1.30
STD. DEV			0.00	0.00	2.83	0.87	0.20	0.42	0.00	0.09	0.10
%RSD			0.01	0.00	0.01	1.41	1.41	1.41	#DIV/0!	0.04	0.07
MIN			0.03	50.00	538.00	0.00	0.00	0.00	0.00	2.06	1.23
MAX			0.03	50.00	542.00	1.24	0.35	0.00	0.00	2.19	1.37
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE			0.03	50.00	527.50	1.01	1.64	5.30	1.01	4.01	3.07
STD. DEV			0.00	0.00	15.00	1.33	2.98	9.27	2.35	5.01	3.57
%RSD			0.04	0.00	0.04	1.33	1.78	1.80	1.15	1.25	1.20
MIN			0.02	50.00	500.00	0.00	0.00	0.00	0.00	0.37	0.00
MAX			0.03	50.00	542.00	2.00	6.00	19.46	4.37	11.43	9.01
n			4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	71.00	0.06	52.00	1,232.00	0.00	0.00	0.00	0.00	3.44	2.87
4/22/92-3,1-B	3.00	78.00	0.07	50.00	900.00	0.10	0.26	0.00	0.00	2.88	1.17
AVERAGE			0.07	51.00	1,066.00	0.00	0.13	0.00	0.00	3.16	2.02
STD. DEV			0.00	1.41	90.00	0.13	0.18	0.00	0.00	1.00	0.85
%RSD			0.04	0.03	0.07	1.41	1.36	#DIV/0!	#DIV/0!	0.36	0.30
MIN			0.06	50.00	1,232.00	0.00	0.00	0.00	0.00	2.88	1.17
MAX			0.07	52.00	1,366.00	0.10	0.26	0.00	0.00	3.44	2.87
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-3,2-A	3.00	73.00	0.08	50.00	674.00	14.47	0.25	0.00	0.36	3.34	2.68
4/23/92-3,2-B	3.00	72.00	0.08	51.00	1,470.50	0.00	1.28	0.00	0.00	3.39	3.08
AVERAGE			0.08	50.50	1,072.20	7.23	0.76	0.00	0.00	4.37	2.87
STD. DEV			0.00	0.71	0.3.27	10.23	0.73	0.00	0.00	1.65	0.57
%RSD			0.04	0.01	0.00	1.41	0.80	#DIV/0!	#DIV/0!	0.38	0.20
MIN			0.08	50.00	674.00	0.00	0.25	0.00	0.00	3.39	2.68
MAX			0.08	51.00	1,470.50	14.47	1.28	0.00	0.00	5.34	3.08
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE			0.06	50.75	1,134.35	3.66	0.48	0.00	0.00	3.86	2.34
STD. DEV			0.03	0.96	353.83	7.20	0.85	0.00	0.00	1.45	1.04
%RSD			0.36	0.02	0.30	1.97	1.78	#DIV/0!	#DIV/0!	0.41	0.44
MIN			0.03	50.00	674.00	0.00	0.00	0.00	0.00	3.39	1.17
MAX			0.08	52.00	1,470.50	14.47	1.28	0.00	0.00	5.34	3.08
n			4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	76.00	0.15	50.00	3,086.00	0.13	0.22	0.00	0.00	3.73	2.76
4/23/92-4,1-B	4.00	77.00	0.15	50.00	3,086.00	0.18	0.51	0.00	0.00	4.07	3.70
AVERAGE			0.15	50.00	3,040.50	0.15	0.37	0.00	0.00	3.70	3.23
STD. DEV			0.00	0.00	14.14	0.03	0.21	[illegible]	0.00	1.36	0.72
%RSD			0.00	0.00	0.00	0.21	0.57	[illegible]	#DIV/0!	0.37	0.22
MIN			0.15	[illegible]	3,086.00	0.13	0.22	0.00	0.00	3.73	2.76
MAX			0.15	50.00	3,086.00	0.18	0.51	0.00	0.00	4.07	3.70
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	78.00	0.16	50.00	3,264.00	0.32	0.37	0.00	0.00	3.06	2.66
4/23/92-4,2-B	4.00	79.00	0.16	50.00	3,288.00	0.07	0.43	0.00	0.00	4.74	3.46
AVERAGE			0.16	50.00	3,301.00	0.40	0.40	0.00	0.00	3.90	3.06
STD. DEV			0.00	0.00	24.04	0.24	0.04	0.00	0.00	1.19	0.57
%RSD			0.01	0.00	0.01	0.60	0.11	#DIV/0!	1.41	0.30	0.19
MIN			0.16	50.00	3,264.00	0.32	0.37	0.00	0.00	3.06	2.66
MAX			0.16	50.00	3,288.00	0.07	0.43	0.00	0.00	4.74	3.46
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE			0.16	50.00	3,164.00	0.35	0.35	0.00	0.00	3.89	3.16
STD. DEV			0.00	0.00	136.00	0.34	0.13	0.00	0.00	1.66	0.85
%RSD			0.06	0.00	0.04	0.73	0.38	#DIV/0!	2.00	0.38	0.27
MIN			0.15	50.00	3,100.00	0.13	0.22	0.00	0.00	3.73	2.66
MAX			0.16	50.00	3,288.00	0.07	0.51	[illegible]	[illegible]	[illegible]	[illegible]
n			4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	81.00	0.26	50.00	5,278.00	7.22	14.10	13.39	13.25	21.25	12.34
4/24/92-5,1-B	5.00	82.00	0.26	50.00	5,268.00	0.13	0.21	0.00	0.00	3.19	2.46
AVERAGE			0.26	50.00	5,263.00	3.68	7.15	6.19	6.63	12.22	7.40
STD. DEV			0.00	0.00	21.21	5.02	9.83	8.76	9.55	12.77	6.99
%RSD			0.00	0.00	0.00	1.36	1.37	1.41	1.41	1.05	0.94
MIN			0.26	50.00	5,268.00	0.13	0.21	0.00	0.00	3.19	2.46
MAX			0.26	50.00	5,278.00	7.22	14.10	13.39	13.25	21.25	12.34
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	83.00	0.33	51.00	6,408.50	0.07	0.22	0.00	0.00	2.26	1.97
4/24/92-5,2-B	5.00	84.00	0.34	51.00	6,482.35	0.37	0.31	0.00	0.00	3.31	2.58
AVERAGE			0.34	51.00	6,501.37	0.22	0.27	0.43	0.00	2.79	2.27
STD. DEV			0.01	0.00	142.01	0.21	0.07	0.00	0.00	0.75	0.43
%RSD			0.03	0.00	0.02	0.96	0.26	#DIV/0!	#DIV/0!	0.27	0.19
MIN			0.33	51.00	6,408.50	0.07	0.22	0.00	0.00	2.26	1.97
MAX			0.34	51.00	6,482.35	0.37	0.31	0.00	0.00	3.31	2.58
n			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE			0.10	50.50	5,923.19	1.96	3.71	3.10	3.06	7.80	4.86
STD. DEV			0.04	0.58	746.71	3.53	6.56	6.19	6.13	9.18	5.61
%RSD			0.14	0.01	0.13	1.81	1.87	2.00	2.00	1.23	1.16
MIN			0.26	50.00	5,268.00	0.07	0.21	0.00	0.00	2.26	1.97
MAX			0.34	51.00	6,482.35	7.22	14.10	13.39	13.25	21.25	12.34
n			4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Dilution	CB104, ng/g	CB44, ng/g	CB66, ng/g	CB101, ng/g	CB87, ng/g	CB77, ng/g	CB154, ng/g	CB118, ng/g	CB105, ng/g	CB153, ng/g
4/20/93-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-0,0	0.00	0.00	0.00	0.00	0.00	0.00	33.59	2.90	0.00	0.00	0.00
4/23/93-0,0	0.00	0.00	35.15	2.00	1.54	0.00	0.45	1.13	11.27	0.00	0.00
4/24/93-0,0	0.00										
AVERAGE		0.00	11.72	0.67	0.51	0.00	11.35	1.34	3.76	0.00	0.00
STD. DEV		0.00	20.30	1.16	0.89	0.00	19.36	1.46	6.51	0.00	0.00
%RSD		#DIV/0!	1.73	1.73	1.73	#DIV/0!	1.70	1.08	1.73	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	35.15	2.00	1.54	0.00	33.59	2.90	11.27	0.00	0.00
n		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
4/20/93-2,1-A	2.00		0.19	0.00	1.72	0.00	1.86	0.45	3.93	0.00	0.00
4/20/93-2,1-B	2.00		5.66	2.00	3.00	2.10	3.96	2.03	7.41	0.25	0.87
AVERAGE		#DIV/0!	2.93	1.40	2.46	1.05	2.91	1.41	5.67	0.13	0.33
STD. DEV		#DIV/0!	3.87	1.38	2.35	1.49	2.50	1.40	2.47	0.17	0.91
%RSD		#DIV/0!	1.32	1.41	0.79	1.41	0.74	0.97	0.44	1.26	0.10
MIN		0.00	0.19	0.00	1.72	0.00	1.86	0.45	3.93	0.00	0.00
MAX		0.00	5.66	2.00	3.00	2.10	3.96	2.03	7.41	0.25	0.87
n		0.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/93-3,2-A	2.00		0.00	5.24	6.71	0.00	3.62	0.00	8.26	0.00	13.51
4/20/93-3,2-B	2.00		0.00	0.00	4.17	0.00	3.74	0.72	1.62	0.00	13.39
AVERAGE		#DIV/0!	0.00	2.62	5.44	0.00	3.68	0.36	4.94	0.00	13.45
STD. DEV		#DIV/0!	0.00	3.71	1.79	0.00	0.13	0.54	4.69	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.41	0.33	#DIV/0!	0.06	1.41	0.95	1.41	0.01
MIN		0.00	0.00	0.00	4.17	0.00	3.62	0.00	8.26	0.00	13.39
MAX		0.00	5.24	5.24	6.71	0.00	3.74	0.72	1.62	0.00	13.51
n		0.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		#DIV/0!	1.46	2.81	4.42	0.33	3.75	0.51	7.10	0.08	11.34
STD. DEV		#DIV/0!	2.00	2.53	2.00	1.05	1.69	1.06	2.20	0.11	2.43
%RSD		#DIV/0!	1.71	1.26	0.47	2.00	0.45	1.17	0.31	1.44	0.22
MIN		0.00	0.00	0.00	1.72	0.00	1.86	0.00	3.93	0.00	0.00
MAX		0.00	5.66	5.24	6.71	2.10	5.96	2.03	8.83	0.25	13.51
n		0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-3,1-A	3.00	0.00	0.50	3.78	6.02	1.21	4.33	0.57	6.94	0.00	11.94
4/23/93-3,1-B	3.00	0.00	0.96	4.04	6.25	1.13	3.89	0.39	8.99	0.00	13.02
AVERAGE		0.00	0.73	3.91	6.13	1.17	4.11	0.48	7.96	0.00	12.48
STD. DEV		0.00	0.32	0.18	0.16	0.05	0.31	0.08	1.48	0.00	0.77
%RSD		#DIV/0!	0.44	0.05	0.03	0.05	0.08	0.18	0.19	1.41	0.06
MIN		0.00	0.50	3.78	6.02	1.13	3.89	0.57	6.94	0.00	11.94
MAX		0.00	0.96	4.04	6.25	1.21	4.33	0.39	8.99	0.00	13.02
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-3,2-A	3.00	0.00	0.43	1.19	4.68	0.07	3.86	0.02	6.86	0.00	13.90
4/23/93-3,2-B	3.00	0.00	0.48	4.68	6.96	2.11	5.08	0.97	8.55	0.38	13.82
AVERAGE		0.00	0.46	2.93	5.83	1.09	4.43	0.49	7.71	0.37	13.86
STD. DEV		0.00	0.04	2.45	1.61	1.44	0.88	0.67	1.20	0.39	0.82
%RSD		#DIV/0!	0.08	0.84	0.28	1.33	0.18	1.37	0.16	1.41	0.08
MIN		0.00	0.43	1.19	4.68	0.07	3.86	0.02	6.86	0.00	13.82
MAX		0.00	0.48	4.68	6.96	2.11	5.80	0.97	8.55	0.38	13.90
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.59	3.41	5.98	1.13	4.27	0.64	7.84	0.34	12.97
STD. DEV		0.00	0.24	1.53	0.96	0.83	0.83	0.39	1.00	0.57	0.80
%RSD		#DIV/0!	0.41	0.45	0.16	0.74	0.12	0.73	0.14	1.70	0.06
MIN		0.00	0.43	1.19	4.68	0.07	3.86	0.02	6.86	0.00	11.94
MAX		0.00	0.96	4.68	6.96	2.11	5.08	0.97	8.99	0.38	13.90
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-4,1-A	4.00	0.00	1.00	5.38	6.18	1.87	5.52	1.19	7.78	0.00	12.13
4/23/93-4,1-B	4.00	0.00	1.35	7.63	8.44	2.72	6.95	1.52	9.49	0.34	13.93
AVERAGE		0.34	1.17	6.50	7.31	2.30	6.23	1.36	8.63	0.17	13.03
STD. DEV		0.24	0.25	1.63	1.44	0.60	1.01	0.23	1.13	0.24	1.27
%RSD		1.41	0.21	0.25	0.20	0.26	0.16	0.17	0.14	1.41	0.10
MIN		0.00	1.00	5.38	6.18	1.87	5.52	1.19	7.78	0.00	12.13
MAX		0.68	1.35	7.63	8.44	2.72	6.95	1.52	9.49	0.34	13.93
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,2-A	4.00	0.00	1.18	6.15	6.23	1.46	5.76	0.87	2.05	0.24	12.75
4/23/93-4,2-B	4.00	0.00	1.44	7.80	7.98	2.35	6.65	1.10	9.45	0.00	14.50
AVERAGE		0.00	1.31	6.98	7.07	1.97	6.21	0.99	4.73	0.12	13.63
STD. DEV		0.00	0.18	1.17	1.18	0.53	0.63	0.32	6.69	0.17	1.23
%RSD		#DIV/0!	0.14	0.17	0.17	0.27	0.10	0.34	1.41	1.41	0.11
MIN		0.00	1.18	6.15	6.23	1.46	5.76	0.87	0.00	0.00	12.75
MAX		0.00	1.44	7.80	7.98	2.35	6.65	1.10	9.45	0.24	14.50
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.13	1.34	6.48	7.19	2.13	6.23	1.13	6.48	0.09	13.43
STD. DEV		0.24	0.19	1.13	1.15	0.50	0.60	0.35	4.03	0.13	1.34
%RSD		2.00	0.14	0.17	0.16	0.23	0.11	0.31	0.88	1.23	0.10
MIN		0.00	1.00	5.38	6.18	1.46	5.52	0.87	0.00	0.00	12.13
MAX		0.48	1.44	7.80	8.44	2.72	6.95	1.52	9.49	0.34	14.50
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-5,1-A	5.00	0.00	0.61	7.03	7.26	2.56	5.76	1.36	9.07	0.37	15.08
4/24/93-5,1-B	5.00	0.00	0.88	5.66	6.11	1.86	5.20	0.99	7.37	0.30	12.17
AVERAGE		0.00	0.74	6.78	6.68	2.21	5.83	1.18	8.22	0.34	13.63
STD. DEV		0.00	0.20	1.03	0.82	0.49	0.33	0.26	1.06	0.05	2.08
%RSD		#DIV/0!	1.08	0.23	0.12	0.33	0.06	0.22	0.13	0.14	0.15
MIN		0.00	0.88	5.66	6.11	1.86	5.20	0.99	7.37	0.30	12.17
MAX		0.00	0.61	7.03	7.26	2.56	5.76	1.36	9.07	0.37	15.08
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,2-A	5.00	0.03	0.82	4.86	5.36	1.44	4.50	0.70	6.60	0.00	11.24
4/24/93-5,2-B	5.00	0.00	1.09	6.61	6.44	2.09	6.21	0.86	8.00	0.05	12.89
AVERAGE		0.00	0.96	5.73	5.90	1.86	5.36	0.79	7.30	0.03	12.06
STD. DEV		0.00	0.19	1.36	0.76	0.38	1.21	0.13	0.99	0.03	1.16
%RSD		#DIV/0!	0.20	0.23	0.13	0.17	0.23	0.16	0.14	1.41	0.10
MIN		0.00	0.82	4.86	5.36	1.44	4.50	0.70	6.60	0.00	11.24
MAX		0.00	1.09	6.61	6.44	2.09	6.21	0.86	8.00	0.05	12.89
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	2.35	6.34	6.30	2.04	5.44	0.95	7.81	0.18	13.54
STD. DEV		0.00	2.64	1.26	0.79	0.48	0.73	0.28	1.02	0.18	1.24
%RSD		#DIV/0!	1.21	0.20	0.13	0.19	0.13	0.29	0.13	1.02	0.15
MIN		0.00	0.82	4.86	5.36	1.46	4.50	0.70	6.60	0.00	11.24
MAX		0.00	6.61	7.03	7.26	2.56	6.21	1.36	9.07	0.37	15.08
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PRS

	Diam^2	CB105, ng/g	CB118, ng/g	CB126, ng/g	CB167, ng/g	CB156, ng/g	CB189, ng/g	CB180, ng/g	CB170, ng/g	CB195, ng/g	CB206, ng/g
4/20/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	4.23	0.00		0.00	0.00
4/22/92-0,0	0.00	0.00	1.87	0.00	0.00	0.00	9.90	0.00	0.00	0.00	0.00
4/23/92-0,0	0.00	8.25	10.99	6.81	0.00	7.21	4.84	0.00		0.00	0.00
4/24/92-0,0	0.00										
AVERAGE		2.75	4.29	2.27	0.00	2.40	6.32	0.00	0.00	0.00	0.00
STD. DEV		4.76	5.88	3.93	0.00	4.17	3.11	0.00	#DIV/0!	0.00	0.00
% RSD		1.73	1.37	1.73	#DIV/0!	1.73	0.49	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	4.23	0.00	0.00	0.00	0.00
MAX		8.25	10.99	6.81	0.00	7.21	9.90	0.00	0.00	0.00	0.00
n		3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.00	3.00	3.00
4/20/92-2,1-A	2.00	1.77	7.05	0.00	4.46	1.19	1.34	5.38		12.88	0.00
4/20/92-2,1-B	2.00	2.97	9.55	0.00	5.06	1.46	0.52	4.17		0.00	0.00
AVERAGE		2.37	8.30	0.00	4.77	1.33	0.93	4.73	#DIV/0!	6.44	0.00
STD. DEV		0.63	1.34	0.00	0.42	0.15	0.82	0.79	#DIV/0!	9.11	0.00
% RSD		0.39	0.16	#DIV/0!	0.09	0.11	0.88	0.17	#DIV/0!	1.41	#DIV/0!
MIN		1.77	7.05	0.00	4.46	1.19	0.52	4.17	0.00	0.00	0.00
MAX		2.97	9.55	0.00	5.06	1.46	1.34	5.38	0.00	12.88	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	2.00	2.00
4/20/92-2,2-A	2.00	1.84	11.34	0.00	5.34	2.01	1.91	5.38		52.88	1.31
4/20/92-2,2-B	2.00	1.30	10.87	0.00	5.11	2.30	1.49	5.38	5.83	1.36	0.00
AVERAGE		1.57	11.10	0.00	5.22	2.15	1.70	5.38	5.83	27.88	0.66
STD. DEV		0.34	0.33	0.00	0.16	0.20	0.30	2.13	#DIV/0!	36.26	0.93
% RSD		0.67	0.03	#DIV/0!	0.03	0.09	0.17	0.38	#DIV/0!	1.30	1.41
MIN		1.30	10.87	0.00	5.11	2.01	1.49	5.38	5.83	1.36	0.00
MAX		1.84	11.34	0.00	5.34	2.30	1.91	5.38	5.83	52.88	1.31
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	2.00	2.00
AVERAGE		2.05	8.86	0.00	5.00	1.72	1.20	5.05	5.83	14.72	0.33
STD. DEV		0.03	1.66	0.00	0.26	0.32	0.08	1.50	#DIV/0!	26.64	0.66
% RSD		0.20	0.17	#DIV/0!	0.07	0.20	0.08	0.28	#DIV/0!	1.47	2.00
MIN		1.77	7.63	0.00	4.46	1.19	0.52	4.17	5.83	0.00	0.00
MAX		2.64	11.34	0.00	5.34	2.30	1.91	5.38	5.83	52.88	1.31
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	1.00	4.00	4.00
4/22/92-3,1-A	3.00	3.08	9.59	0.00	5.46	1.68	2.09	8.46	2.97	1.30	0.92
4/22/92-3,1-B	3.00	3.06	9.45	0.00	5.17	1.73	1.75	6.88	12.17	4.87	2.33
AVERAGE		3.04	9.52	0.00	5.31	1.69	1.93	7.23	7.57	2.59	1.63
STD. DEV		0.03	0.10	0.00	0.20	0.05	0.17	1.74	6.51	1.83	0.99
% RSD		0.01	0.01	#DIV/0!	0.04	0.03	0.09	0.24	0.86	0.71	0.61
MIN		3.05	9.45	0.00	5.17	1.68	1.75	6.88	2.97	1.30	0.92
MAX		3.06	9.59	0.00	5.46	1.73	2.09	8.46	12.17	4.87	2.33
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	2.30	8.41	0.00	4.85	1.43	0.73	4.08	12.66	1.25	0.00
4/22/92-3,2-B	3.00	3.95	10.77	0.00	6.05	3.22	3.75	10.81		24.23	12.86
AVERAGE		3.13	9.59	0.00	5.50	2.33	2.24	7.45	12.66	12.74	6.43
STD. DEV		1.17	1.67	0.00	0.97	1.27	2.12	4.75	#DIV/0!	16.26	9.09
% RSD		0.37	0.17	#DIV/0!	0.18	0.55	0.95	0.64	#DIV/0!	1.28	1.41
MIN		2.30	8.41	0.00	4.85	1.43	0.73	4.08	12.66	1.25	0.00
MAX		3.95	10.77	0.00	6.05	3.22	3.75	10.81	12.66	24.23	12.86
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	2.00	2.00
AVERAGE		3.08	9.56	0.00	6.11	2.00	2.33	7.34	9.27	7.86	4.92
STD. DEV		0.67	0.97	0.00	0.92	0.88	1.39	2.56	5.46	10.58	5.97
% RSD		0.21	0.10	#DIV/0!	0.15	0.44	0.59	0.40	0.59	1.40	1.48
MIN		2.30	8.41	0.00	5.17	1.43	0.73	4.08	2.97	1.25	0.00
MAX		3.95	10.77	0.00	6.05	3.22	3.75	10.81	12.66	24.23	12.86
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00
4/[illegible]92-4,1-A	4.00	3.10	9.11	0.20	5.30	1.81	0.91	6.14	0.00	2.93	4.33
4/[illegible]92-4,1-B	4.00	2.41	11.06	0.00	5.99	2.17	3.11	9.65	0.00	3.83	3.32
AVERAGE		2.76	10.08	0.10	5.64	1.99	2.01	7.89	0.00	3.38	4.83
STD. DEV		0.49	1.38	0.14	0.49	0.26	1.56	2.47	0.00	0.58	0.69
% RSD		0.18	0.14	1.41	0.09	0.13	0.78	0.31	#DIV/0!	0.18	0.14
MIN		2.41	9.11	0.00	5.30	1.81	0.91	6.14	0.00	2.93	4.33
MAX		3.10	11.06	0.20	5.99	2.17	3.11	9.65	0.00	3.83	5.32
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	3.20	10.04	0.14	5.47	1.86	0.61	6.30	0.00	2.88	4.22
4/23/92-4,2-B	4.00	3.82	10.82	0.00	6.28	1.98	1.10	7.26	0.00	3.26	4.67
AVERAGE		3.66	10.43	0.07	5.83	1.98	0.86	6.78	0.34	2.97	4.74
STD. DEV		0.33	0.55	0.10	0.57	0.10	0.34	0.68	0.48	0.49	0.32
% RSD		0.06	0.05	1.41	0.10	0.11	0.40	0.10	1.41	0.13	0.07
MIN		3.20	10.04	0.00	5.47	1.86	0.61	6.30	0.00	2.69	4.22
MAX		3.82	10.82	0.14	6.28	1.98	1.10	7.26	0.68	3.26	4.67
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		3.21	10.26	0.09	5.76	1.89	1.03	7.30	0.17	3.09	4.64
STD. DEV		0.51	0.38	0.10	0.46	0.22	1.14	1.68	0.34	0.45	0.40
% RSD		0.10	0.07	1.19	0.08	0.11	0.79	0.23	2.00	0.14	0.11
MIN		2.68	9.11	0.00	5.30	1.66	0.61	6.14	0.00	2.69	4.22
MAX		3.82	11.06	0.20	6.28	2.17	3.11	9.65	0.68	3.83	5.32
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.06	3.56	10.47	0.00	6.26	2.54	3.57	9.05	14.51	15.73	0.00
4/24/92-5,1-B	5.03	2.54	8.82	0.10	5.02	1.46	0.63	5.40	0.34	2.83	3.92
AVERAGE		3.24	9.64	0.05	5.64	2.00	2.10	7.23	7.25	9.28	1.96
STD. DEV		0.48	1.17	0.05	0.88	0.77	2.08	2.39	10.09	9.28	2.77
% RSD		0.13	0.12	#DIV/0!	0.16	0.38	0.99	0.36	1.37	1.41	1.41
MIN		2.54	8.82	0.00	5.02	1.46	0.63	5.40	0.34	2.83	0.00
MAX		3.56	10.47	0.00	6.26	2.54	3.57	9.05	14.51	15.73	3.92
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	2.72	8.14	0.77	5.14	1.65	1.01	6.05	2.40	3.58	4.90
4/24/92-5,2-B	5.00	3.56	9.58	0.12	5.11	1.63	0.78	6.31	0.94	2.75	3.90
AVERAGE		3.14	8.86	0.44	5.13	1.64	0.89	6.18	1.67	3.17	4.40
STD. DEV		0.59	1.48	0.46	0.02	0.03	0.16	0.19	1.03	0.58	0.71
% RSD		0.19	0.17	1.05	0.00	0.01	0.18	0.03	0.62	0.18	0.16
MIN		2.72	8.14	0.12	5.11	1.63	0.78	6.05	0.94	2.75	3.90
MAX		3.56	9.58	0.77	5.14	1.65	1.01	6.31	2.40	3.58	4.90
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		3.19	9.28	0.23	5.38	1.83	1.38	6.73	4.83	6.17	3.18
STD. DEV		0.43	1.00	0.37	0.39	0.49	1.39	1.01	6.72	6.39	1.17
% RSD		0.13	0.11	1.67	0.11	0.27	0.93	0.24	1.48	1.16	0.68
MIN		2.72	8.14	0.00	5.03	1.46	0.63	5.40	0.34	2.83	0.00
MAX		3.56	10.47	0.77	6.26	2.54	3.57	9.05	14.51	15.73	4.90
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Dilution	CB 2v8, ng/g	CB num, ng/g	BCB, ng/g	HEPT, ng/g	ALDRIN, ng/g	OP'DDE, ng/g	DIELDRIN, ng/g	PP'DDE, ng/g	OP'DDD, ng/g
4/20/93-0,0	0.00	28.31	74.39	1.96	0.00	4,247.64	126.47	92.33	23.31	0.00
4/22/93-0,0	0.00	0.00	66.44	0.00	0.00	497.06	0.00	24.11	0.00	0.00
4/23/93-0,0	0.00	0.00	174.01	0.00	0.00	143.70	13.28	0.00	0.00	0.00
4/24/93-0,0	0.00			35.71	214.41	0.00	124.23	92.82	99.20	0.00
AVERAGE		9.44	104.95	9.42	53.60	1,220.85	66.89	44.82	30.63	0.00
STD. DEV		16.36	59.96	17.85	107.21	2,098.41	68.76	41.03	47.86	0.00
%RSD		1.73	0.57	1.86	2.00	1.66	1.03	0.92	1.54	#DIV/0!
MIN		0.00	66.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		28.31	174.01	35.71	214.41	4,247.64	126.47	92.82	99.20	0.00
n		3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/93-3,1-A	[illegible]	4.39	62.01	0.00	0.00	0.00	2.09	0.54	1.38	0.00
4/20/93-3,1-B		3.01	126.13	4.03	9.99	0.00	8.09	12.31	0.00	0.00
AVERAGE		3.70	94.07	2.02	4.99	0.00	5.39	6.63	0.64	0.00
STD. DEV		1.97	43.89	2.86	7.06	0.00	3.83	8.64	0.90	0.00
%RSD		0.36	0.46	1.41	1.41	#DIV/0!	0.71	1.31	1.41	#DIV/0!
MIN		2.01	63.01	0.00	0.00	0.00	2.09	0.54	0.00	0.00
MAX		4.39	126.13	4.03	9.99	0.00	8.09	12.31	1.38	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/93-3,2-A	2.00	9.54	136.99	0.55	0.00	52.00	6.76	0.00	0.83	0.00
4/20/93-3,2-B	2.00	10.10	80.17	0.00	0.18	12.47	1.98	0.20	3.64	0.20
AVERAGE		9.82	108.58	0.28	0.20	32.24	4.37	0.10	2.26	0.00
STD. DEV		0.40	41.60	0.39	0.26	28.27	3.36	0.14	1.97	0.00
%RSD		0.04	0.38	1.41	0.76	0.87	0.77	1.41	0.88	#DIV/0!
MIN		9.54	80.17	0.00	0.18	12.47	1.98	0.00	0.83	0.00
MAX		10.10	136.99	0.55	0.00	52.00	6.76	0.20	3.64	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		6.76	108.33	1.15	2.00	16.37	4.88	3.36	1.44	0.00
STD. DEV		3.86	38.41	1.94	4.07	24.00	3.00	5.06	1.86	0.00
%RSD		0.85	0.35	1.69	1.88	1.88	0.62	1.76	1.86	#DIV/0!
MIN		3.01	63.01	0.00	0.00	0.00	1.98	0.00	0.00	0.00
MAX		10.10	136.99	4.03	9.99	52.00	8.83	12.31	7.64	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/93-3,1-A	3.00	5.35	82.83	0.02	0.35	4.88	3.87	1.36	0.63	0.00
4/22/93-3,1-B	3.00	11.13	99.33	0.20	0.40	8.81	4.45	1.79	2.87	0.00
AVERAGE		8.24	91.08	0.11	0.32	6.38	4.16	1.53	1.45	0.00
STD. DEV		4.06	11.67	0.13	0.04	2.34	0.41	0.28	1.65	0.00
%RSD		0.49	0.13	1.18	0.07	0.31	0.10	0.16	1.41	#DIV/0!
MIN		5.36	82.83	0.02	0.40	4.88	3.87	1.36	0.00	0.00
MAX		11.13	99.33	0.20	0.35	8.81	4.45	1.79	2.87	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/93-3,3-A	3.00	4.20	95.89	4.76	0.35	5.01	3.33	0.36	1.44	0.00
4/22/93-3,3-B	3.00	11.05	136.00	0.17	0.39	12.00	0.00	2.77	4.01	0.00
AVERAGE		7.67	116.04	2.46	0.35	8.87	1.66	1.57	2.73	0.00
STD. DEV		4.78	28.93	3.36	0.03	4.58	2.37	1.70	1.83	0.00
%RSD		0.63	0.26	1.33	0.09	0.51	1.41	1.09	0.67	#DIV/0!
MIN		4.20	95.89	0.17	0.35	5.01	0.00	0.36	1.44	0.00
MAX		11.05	136.00	4.76	0.39	12.00	3.33	2.77	4.01	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		7.[illegible]	103.04	1.30	0.35	7.40	1.93	1.38	2.08	0.00
STD. DEV		3.64	23.77	2.33	0.04	3.58	2.00	0.99	1.74	0.00
%RSD		0.46	0.23	1.80	0.13	0.47	0.68	0.64	0.84	#DIV/0!
MIN		4.20	82.83	0.02	0.40	4.88	0.00	0.36	0.00	0.00
MAX		11.[illegible]	136.00	4.76	0.39	12.00	4.66	2.77	4.01	0.00
n		[illegible]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-4,1-A	4.07		87.56	0.13	0.45	0.00	3.08	1.81	3.13	0.00
4/23/93-4,1-B	4.[illegible]		111.96	0.24	0.31	2.85	0.56	2.66	7.02	0.00
AVERAGE			[illegible]	0.19	0.48	1.43	2.33	2.33	6.07	0.00
STD. DEV			7.28	0.08	0.24	2.85	2.21	0.60	1.34	0.00
%RSD		[illegible]	0.17	0.42	0.50	1.41	1.04	0.37	0.22	#DIV/0!
MIN		[illegible]	87.56	0.13	0.45	0.00	0.56	1.81	3.13	0.00
MA[illegible]			111.96	0.24	0.31	2.85	3.08	2.66	7.02	0.00
[illegible]		[illegible]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,2-A	[illegible]	6.9[illegible]	82.54	0.27	0.47	0.97	0.31	1.34	5.14	0.00
4/23/93-4,2-B	[illegible]	7.02	107.72	0.27	0.43	1.35	4.22	1.99	5.72	0.00
AVERAGE		6.[illegible]	95.13	0.27	0.45	1.16	2.26	1.66	5.43	0.00
STD. DEV		0.07	17.89	0.00	0.03	0.27	2.76	0.47	0.41	0.00
%RSD		0.01	0.19	0.01	0.06	0.23	1.22	0.28	0.07	#DIV/0!
MIN		6.93	82.54	0.27	0.43	0.97	0.31	1.34	5.14	0.00
MAX		7.02	107.72	0.27	0.47	1.35	4.22	1.99	5.72	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		7.00	97.05	0.23	0.46	1.39	2.19	1.56	5.75	0.00
STD. DEV		0.44	14.86	0.07	0.08	1.18	2.84	0.84	0.80	0.00
%RSD		0.06	0.15	0.30	0.17	0.84	0.83	0.38	0.14	#DIV/0!
MIN		6.69	82.54	0.13	0.43	0.00	0.31	1.34	5.13	0.00
MAX		7.57	111.96	0.27	0.51	2.85	4.22	2.66	7.02	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-5,1-A	5.00	0.00	201.75	4.03	0.00	26.11	4.13	2.94	4.93	0.00
4/24/93-5,1-B	5.00	5.87	85.74	0.17	0.39	1.17	3.38	1.74	4.55	0.00
AVERAGE		2.94	143.74	2.49	0.19	13.64	3.79	2.34	4.74	0.00
STD. DEV		4.15	83.66	3.35	0.27	17.64	0.60	0.85	0.27	0.00
%RSD		1.41	0.88	1.34	1.41	1.29	0.16	0.36	0.06	#DIV/0!
MIN		0.00	85.74	0.17	0.00	1.17	3.38	1.74	4.55	0.00
MAX		5.87	201.75	4.03	0.39	26.11	4.13	2.94	4.93	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,2-A	5.00	6.75	83.52	0.17	0.36	0.98	0.36	1.39	3.95	0.00
4/24/93-5,2-B	5.00	5.96	91.46	0.26	0.00	1.75	0.48	1.90	5.49	0.00
AVERAGE		6.36	87.30	0.21	0.18	1.37	0.42	1.65	4.72	0.00
STD. DEV		0.56	5.78	0.06	0.25	0.54	0.08	0.36	1.09	0.00
%RSD		0.09	0.07	0.28	1.41	0.40	0.20	0.22	0.23	#DIV/0!
MIN		5.96	83.52	0.17	0.00	0.98	0.36	1.39	3.95	0.00
MAX		6.75	91.46	0.26	0.36	1.75	0.48	1.90	5.49	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		4.64	115.07	1.31	0.19	7.30	2.06	1.59	4.73	0.00
STD. DEV		3.12	57.91	2.21	0.22	13.41	1.93	0.67	0.66	0.00
%RSD		0.67	0.50	1.69	1.16	1.85	0.94	0.33	0.14	#DIV/0!
MIN		0.00	83.52	0.17	0.00	0.98	0.36	1.39	3.95	0.00
MAX		6.75	201.75	4.03	0.39	26.11	4.13	2.94	5.49	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Dstm^2	PP'DDD, ng/g	OP'DDT, ng/g	MIREX, ng/g	NAP, ng/g	2MN, ng/g	1MN, ng/g	BIP, ng/g	DMN, ng/g	ACL, ng/g	ACY, ng/g	TMN, ng/g
4/20/92-0,0	0.00	0.00	0.00	5,726.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/92-0,0	0.00	0.00	0.00	9.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-0,0	0.00	0.00	0.00	0.00	10,432.54	0.00	0.00	1,323.82	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	1,434.11	2,608.14	0.00	0.00	330.96	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	2,861.76	5,216.27	0.00	0.00	661.91	0.00	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	2.00	2.00	#DIV/0!	#DIV/0!	2.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	5,726.74	10,432.54	0.00	0.00	1,323.82	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.00	0.00	0.60	171.47	0.00	0.00	0.00	89.40	0.00	0.00	0.00
4/20/92-2,1-B	2.00	2.35	0.00	0.00	112.34	0.00	0.00	169.95	111.14	0.00	0.00	0.00
AVERAGE		1.18	0.00	0.30	141.91	0.00	0.00	84.98	100.27	0.00	0.00	0.00
STD. DEV		1.66	0.00	0.42	41.81	0.00	0.00	120.17	15.37	0.00	0.00	0.00
%RSD		1.41	#DIV/0!	1.41	0.30	#DIV/0!	#DIV/0!	1.41	0.15	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	112.34	0.00	0.00	0.00	89.40	0.00	0.00	0.00
MAX		2.35	0.00	0.60	171.47	0.00	0.00	169.95	111.14	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.00	0.00	41.76	317.06	0.00	0.00	154.57	0.00	0.00	0.00	0.00
4/20/92-2,2-B	2.00	0.00	0.00	0.00	52.11	0.00	0.00	0.00	158.71	0.00	0.00	0.00
AVERAGE		0.00	0.00	20.88	184.59	0.00	0.00	77.29	79.36	0.00	0.00	0.00
STD. DEV		0.00	0.00	29.53	187.34	0.00	0.00	109.30	112.23	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.41	1.01	#DIV/0!	#DIV/0!	1.41	1.41	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	52.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	41.76	317.06	0.00	0.00	154.57	158.71	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.59	0.00	10.59	163.25	0.00	0.00	81.13	89.81	0.00	0.00	0.00
STD. DEV		1.18	0.00	20.74	113.88	0.00	0.00	93.69	64.90	0.00	0.00	0.00
%RSD		2.00	#DIV/0!	1.96	0.70	#DIV/0!	#DIV/0!	1.16	0.74	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	52.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		2.35	0.00	41.76	317.06	0.00	0.00	169.95	158.71	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	0.00	0.00	0.00	431.57	160.46	17.29	7.38	231.73	0.00	0.00	0.00
4/22/92-3,1-B	3.00	0.00	0.00	0.00	390.86	170.10	0.00	125.31	127.73	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	411.22	165.28	8.65	66.35	179.73	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	28.77	6.82	12.23	83.39	73.54	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.07	0.04	1.41	1.26	0.41	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	390.86	160.46	0.00	7.38	127.73	0.00	0.00	0.00
MAX		0.00	0.00	0.00	431.57	170.10	17.29	125.31	231.73	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.00	0.00	231.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-3,2-B	3.00	0.00	0.00	0.00	311.26	212.37	0.00	205.79	308.12	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	271.40	106.19	0.00	102.90	154.06	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	[illegible]	150.17	0.00	145.52	217.87	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.21	1.41	#DIV/0!	1.41	1.41	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	231.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	311.26	212.37	0.00	205.79	308.12	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	341.31	135.73	4.32	84.62	166.90	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	117.47	95.31	8.65	98.84	133.89	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.30	0.70	2.00	1.17	0.80	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	231.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	431.57	212.37	17.29	205.79	308.12	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.00	0.00	0.40	427.92	199.18	21.47	73.39	98.00	7.97	0.00	0.00
4/23/92-4,1-B	4.00	0.00	0.00	0.00	430.88	155.81	32.26	81.77	134.80	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.20	429.40	177.50	26.86	77.58	116.40	3.99	0.00	0.00
STD. DEV		0.00	0.00	0.28	2.09	30.66	7.63	5.93	26.02	5.64	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.41	0.00	0.17	0.28	0.08	0.22	1.41	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	427.92	155.81	21.47	73.39	98.00	0.00	0.00	0.00
MAX		0.00	0.00	0.40	430.88	199.18	32.26	81.77	134.80	7.97	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.00	0.00	0.00	413.40	0.00	108.37	20.53	0.00	0.00	0.00	0.00
4/23/92-4,2-B	4.00	0.00	0.00	0.02	406.40	211.78	98.97	91.15	148.80	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.01	409.90	105.89	103.67	55.84	74.40	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.01	4.95	149.75	6.65	49.94	105.22	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.41	0.01	1.41	0.06	0.89	1.41	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	406.40	0.00	98.97	20.53	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.02	413.40	211.78	108.37	91.15	148.80	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.11	419.65	141.69	65.27	66.71	95.40	1.99	0.00	0.00
STD. DEV		0.00	0.00	0.20	11.85	97.44	44.21	30.43	67.10	3.99	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.80	0.03	0.69	0.67	0.47	0.70	2.00	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	406.40	0.00	21.47	20.53	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.40	430.88	211.78	108.37	91.15	148.80	7.97	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.00	0.00	0.00	315.51	107.17	34.78	48.44	116.91	17.85	0.00	0.00
4/24/92-5,1-B	5.00	0.00	0.00	0.00	302.21	110.75	53.39	64.11	96.51	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	308.86	108.96	44.08	56.28	106.71	8.93	0.00	0.00
STD. DEV		0.00	0.00	0.00	9.40	2.53	13.16	11.08	14.42	12.62	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.41	0.03	0.02	0.30	0.20	0.14	1.41	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	302.21	107.17	34.78	48.44	96.51	0.00	0.00	0.00
MAX		0.00	0.00	0.00	315.51	110.75	53.39	64.11	116.91	17.85	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	0.00	0.00	0.47	336.76	152.46	60.26	77.23	86.23	7.87	0.00	0.00
4/24/92-5,2-B	5.00	0.00	0.00	0.20	307.53	168.32	65.23	89.48	117.50	8.74	0.00	0.00
AVERAGE		0.00	0.00	0.33	322.15	160.39	62.74	83.47	101.87	8.31	0.00	0.00
STD. DEV		0.00	0.00	0.19	20.67	11.21	3.51	8.79	22.11	0.61	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	0.58	0.06	0.07	0.06	0.11	0.22	0.07	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.20	307.53	152.46	60.26	77.23	86.23	7.87	0.00	0.00
MAX		0.00	0.00	0.47	336.76	168.32	65.23	89.48	117.50	8.74	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.17	315.50	134.67	53.41	69.87	104.29	8.62	0.00	0.00
STD. DEV		0.00	0.00	0.21	15.19	30.43	13.34	17.70	13.40	7.31	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	1.23	0.05	0.23	0.25	0.25	0.13	0.85	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	302.21	107.17	34.78	48.44	86.23	0.00	0.00	0.00
MAX		0.00	0.00	0.47	336.76	168.32	65.23	89.48	117.50	17.85	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PHS

	Di, m^3	FLU, ng/g	PHE, ng/g	ANT, ng/g	1MP, ng/g	FLA, ng/g	PYR, ng/g	BAA, ng/g	CHR, ng/g	BBF, ng/g	BKF, ng/g	BEP, ng/g	BAP, ng/g
4/20/92-0,0	0.00	0.00	0.00	968.71	0.00	0.00	0.00	0.00	0.00	2,508.08	1,800.10	4,664.81	2,610.95
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	847.27	172.43	184.00	0.00	917.40	1,806.46	1,535.04	1,720.88
4/23/92-0,0	0.00	0.00	0.65	267.75	0.00	828.94	880.50	277.63	208.90	607.92	128.78	419.72	128.19
4/24/92-0,0	0.00	304.63	4,777.30	1,701.32	0.00	17,975.84	20,972.00	3,279.71	10,918.76	13,026.73	7,857.64	[illegible]	4,603.40
AVERAGE		146.40	1,194.33	734.44	0.00	4,914.16	[illegible]	[illegible]	2,782.16	4,264.42	[illegible]	4,372.10	2,338.38
STD. DEV		207.38	2,388.46	765.80	0.00	8,714.36	10,307.36	1,507.34	[illegible]	5,900.15	4,622.48	[illegible]	[illegible]
% RSD		2.00	2.00	1.04	#DIV/0!	1.77	1.87	1.08	1.98	1.38	[illegible]	1.07	0.81
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	607.92	128.78	419.72	128.19
MAX		304.63	4,777.30	1,701.32	0.00	17,975.84	20,972.00	3,279.71	10,918.76	13,026.73	7,857.64	[illegible]	4,603.40
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	24.97	73.43	58.88	0.01	548.01	681.80	183.03	453.09	605.37	521.98	374.81	288.33
4/20/92-2,1-B	2.00	0.00	235.27	59.43	94.36	633.48	394.58	208.78	377.08	807.90	473.38	735.91	503.40
AVERAGE		12.40	154.35	58.30	47.18	590.24	638.34	196.86	418.08	706.64	496.94	555.36	402.97
STD. DEV		17.66	114.44	5.67	66.72	60.60	60.52	16.37	54.38	144.63	34.60	132.98	153.60
% RSD		1.41	0.74	0.11	1.41	0.10	0.09	0.09	0.13	0.20	0.07	0.17	0.41
MIN		0.00	73.43	58.88	0.00	548.01	594.58	183.03	377.08	605.37	472.38	374.81	288.33
MAX		24.97	235.27	59.43	94.36	633.48	681.80	208.78	453.09	807.90	521.98	735.91	502.43
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	75.80	266.80	154.88	82.19	768.66	855.34	328.95	374.60	404.28	407.83	617.97	697.75
4/20/92-2,2-B	2.00	91.07	300.46	62.17	37.75	719.48	827.00	287.08	598.74	1,744.73	891.28	1,862.34	276.88
AVERAGE		83.40	333.48	108.50	60.07	740.57	841.66	303.80	486.67	1,117.88	649.54	1,146.15	448.80
STD. DEV		10.70	46.57	65.83	17.30	33.83	19.40	29.84	158.46	861.33	341.64	770.40	420.66
% RSD		0.13	0.20	0.60	0.36	0.04	0.02	0.17	0.33	0.79	0.52	0.62	0.83
MIN		75.80	300.46	62.17	37.75	719.48	827.00	287.08	374.60	404.28	407.83	617.97	276.88
MAX		91.07	366.80	154.88	82.19	768.66	855.34	328.95	598.74	1,744.73	891.28	1,862.34	697.75
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		47.90	194.84	81.38	53.88	665.91	740.35	244.94	450.86	911.87	573.24	887.74	425.64
STD. DEV		43.70	84.86	48.80	46.91	94.00	123.36	63.87	100.83	561.38	217.97	654.35	171.88
% RSD		0.91	0.44	0.60	0.87	0.14	0.17	0.26	0.22	0.62	0.38	0.57	0.40
MIN		0.00	73.43	58.88	0.00	548.01	594.58	183.03	377.08	404.28	407.83	374.81	276.88
MAX		91.07	366.80	154.88	94.36	768.66	855.34	328.95	598.74	1,744.73	891.28	1,862.34	697.75
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	70.30	281.91	125.86	56.80	976.33	1,267.76	308.86	985.76	658.84	530.38	623.32	554.21
4/22/92-3,1-B	3.00	0.00	205.30	90.33	29.97	475.07	560.35	301.80	304.12	238.76	371.99	409.62	376.38
AVERAGE		35.15	243.60	108.94	43.38	725.80	914.06	305.34	644.94	448.80	451.18	516.48	465.30
STD. DEV		49.64	54.17	25.19	18.97	354.80	500.31	5.00	481.94	297.33	112.83	150.94	125.88
% RSD		1.41	0.22	0.23	0.44	0.49	0.55	0.02	0.75	0.67	0.25	0.29	0.27
MIN		0.00	205.30	90.33	29.97	475.07	560.35	301.80	304.12	238.76	371.99	409.62	376.38
MAX		70.30	281.91	125.86	56.80	976.33	1,267.76	308.86	985.76	658.84	530.38	623.32	554.21
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	227.30	0.00	0.00	4,950.34	3,374.45	0.00	0.00	2,510.94	0.00	4,811.08	0.00
4/22/92-3,2-B	3.00	0.00	0.00	65.17	0.00	905.10	1,083.43	133.04	140.87	664.90	573.98	243.78	293.38
AVERAGE		0.00	113.70	32.60	0.00	2,927.72	2,228.90	66.52	74.85	1,588.88	286.99	2,526.48	146.90
STD. DEV		0.00	160.70	46.08	0.00	2,860.42	1,619.99	93.37	105.97	1,305.08	405.86	3,225.70	207.46
% RSD		#DIV/0!	1.41	1.41	#DIV/0!	0.98	0.73	1.41	1.41	0.82	1.41	1.27	1.41
MIN		0.00	0.00	0.00	0.00	905.10	1,083.45	0.00	0.00	664.80	0.00	243.78	0.00
MAX		0.00	227.30	65.17	0.00	4,950.34	3,374.45	133.04	140.87	2,510.94	573.98	4,811.08	293.38
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		17.58	178.65	70.78	21.69	1,826.76	1,571.48	185.78	359.89	1,018.37	371.84	1,472.90	306.83
STD. DEV		35.10	123.57	53.06	27.34	2,004.13	1,338.74	143.81	436.36	1,015.84	243.86	2,208.06	231.30
% RSD		2.00	0.69	0.75	1.26	1.15	0.79	0.80	1.21	1.00	0.71	1.43	0.76
MIN		0.00	0.00	0.00	0.00	475.07	560.35	0.00	0.00	238.76	0.00	243.78	0.00
MAX		70.30	281.91	125.86	56.80	4,950.34	3,374.45	308.86	985.76	2,510.94	573.98	4,811.08	554.21
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	47.30	243.34	100.22	100.14	712.08	395.30	199.84	386.33	420.75	504.08	430.06	436.82
4/23/92-4,1-B	4.00	37.40	234.17	88.34	51.32	687.08	427.40	235.37	361.14	447.84	406.54	381.80	386.72
AVERAGE		42.34	238.75	94.28	76.73	694.87	411.30	217.66	373.60	434.00	456.30	406.05	411.37
STD. DEV		4.88	20.43	7.86	36.88	26.87	22.77	10.36	17.74	19.88	60.00	34.13	34.86
% RSD		0.16	0.08	0.08	0.47	0.06	0.04	0.17	0.05	0.05	0.15	0.08	0.08
MIN		37.40	234.17	88.34	51.32	687.08	395.30	199.84	361.14	420.75	406.74	381.80	386.72
MAX		47.30	243.34	100.22	100.14	712.08	427.40	235.37	386.33	447.84	504.08	430.06	436.82
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	73.16	343.57	0.00	0.00	615.30	705.90	267.56	403.11	397.33	372.78	355.33	429.32
4/23/92-4,2-B	4.00	74.61	291.30	108.36	43.43	691.35	641.14	230.37	332.60	308.05	417.98	468.30	380.06
AVERAGE		73.38	305.94	54.18	21.73	653.37	673.52	253.47	400.00	352.71	395.38	411.81	405.09
STD. DEV		1.73	26.08	76.63	30.76	53.71	45.10	19.80	107.78	63.11	31.96	160.70	30.18
% RSD		0.02	0.10	1.41	1.41	0.08	0.07	0.08	0.26	0.11	0.08	0.36	0.07
MIN		73.16	273.57	0.00	0.00	615.30	641.14	230.37	332.60	308.08	372.78	355.33	380.06
MAX		74.61	338.30	108.36	43.43	691.35	705.90	267.56	468.17	397.33	417.98	468.30	429.32
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		57.86	288.88	74.83	49.23	668.97	641.81	240.86	391.30	403.40	425.30	408.97	410.66
STD. DEV		18.39	26.86	50.38	45.88	43.30	48.41	20.44	64.36	75.40	56.80	46.45	26.20
% RSD		0.32	0.08	0.67	0.88	0.06	0.07	0.12	0.17	0.19	0.13	0.14	0.06
MIN		37.40	234.17	0.00	0.00	615.30	595.30	199.84	332.60	308.08	372.78	355.33	380.06
MAX		74.61	308.30	108.36	100.14	712.08	705.90	267.56	468.11	447.84	504.08	468.30	436.82
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	60.43	221.80	106.56	67.31	591.23	675.39	233.83	393.25	626.18	287.34	385.07	323.16
4/24/92-5,1-B	5.00	46.28	221.35	70.85	31.61	609.17	714.42	214.07	337.94	452.82	386.47	393.27	416.07
AVERAGE		53.38	221.53	88.75	49.47	646.38	694.91	223.45	365.60	489.40	393.88	400.17	409.62
STD. DEV		10.04	0.32	26.19	25.23	74.33	27.60	13.36	39.11	197.43	7.54	138.63	75.72
% RSD		0.19	0.00	0.26	0.51	0.12	0.04	0.06	0.11	0.40	0.02	0.25	0.16
MIN		46.28	221.35	70.85	31.63	591.23	675.30	214.07	337.94	452.82	387.34	385.27	416.07
MAX		60.43	221.80	106.56	67.31	609.17	714.42	233.83	393.25	626.18	396.47	398.07	523.16
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	43.25	204.25	74.84	32.08	621.61	580.02	181.38	300.73	757.64	263.39	370.40	332.35
4/24/92-5,2-B	5.00	36.57	183.54	78.87	31.75	641.07	618.54	223.64	322.22	763.95	481.57	363.41	408.25
AVERAGE		39.91	193.90	76.86	31.90	631.34	603.78	201.96	311.48	330.80	387.88	366.88	380.75
STD. DEV		4.72	14.38	2.78	0.23	13.76	23.87	29.36	15.20	322.66	130.01	5.86	48.31
% RSD		0.12	0.08	0.04	0.01	0.02	0.03	0.14	0.05	9.10	0.73	0.08	0.11
MIN		36.57	183.54	74.84	31.75	621.61	580.02	181.38	300.73	307.66	283.39	363.41	352.35
MAX		43.25	204.25	78.87	32.08	641.07	618.54	223.64	322.22	763.95	491.57	370.40	408.25
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		46.61	207.74	82.83	40.68	638.37	640.34	212.71	338.54	432.60	400.22	427.56	435.18
STD. DEV		10.08	18.88	16.15	17.75	44.40	56.38	22.38	38.84	211.54	172.53	106.61	71.38
% RSD		0.22	0.09	0.19	0.44	0.07	0.09	0.10	0.11	0.43	0.56	0.25	0.17
MIN		36.57	183.54	70.85	31.63	591.33	580.02	181.38	300.73	307.66	283.39	363.41	352.35
MAX		60.43	221.80	106.56	67.31	609.17	714.42	233.83	393.25	763.95	491.57	598.07	523.16
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES	Diam^2	PEP, ug/g	DNP, ug/g	DBA, ug/g	BPE, ug/g	Σ PAHs, ug/g	Filter #	Amt filtered, g	Vol filtered, ml	C, mg	H, mg	N, mg	C, mg/g
4/20/92-0,0	0.00	0.00	0.00	0.00	0.00	18,363.59	31.00	0.00		0.02	0.02	0.01	8.82
4/21/92-0,0	0.00	303.87	0.00	0.00	0.00	7,804.38	38.00	0.00		0.02	0.05	0.01	10.00
4/23/92-0,0	0.00	308.15	0.00	0.00	0.00	4,247.48	64.00	0.00		0.04	0.02	0.01	20.00
4/24/92-0,0	0.00	4,338.20	0.00	0.00	1,567.40	114,338.50	70.00	0.00		0.08	0.02	0.01	32.00
AVERAGE		1,263.80	0.00	0.00	391.85	36,187.71		0.00	#DIV/0!	0.04	0.02	0.01	15.21
STD. DEV		2,048.07	0.00	0.00	783.70	53,456.94		0.00	#DIV/0!	0.03	0.00	0.00	6.76
% RSD		1.65	#DIV/0!	#DIV/0!	2.00	1.48		0.00	#DIV/0!	0.44	0.00	0.00	0.44
MIN		0.00	0.00	0.00	0.00	4,247.48		0.00	0.50	0.08	0.05	0.01	8.82
MAX		4,338.20	0.00	0.00	1,567.40	114,338.50		0.00	0.07	0.04	0.08	0.01	32.00
n		4.00	4.00	4.00	4.00	4.00		4.00	0.03	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	111.33	160.19	0.00	413.44	4,966.95	32.00	0.00		0.18	0.06	0.02	40.44
4/20/92-2,1-B	2.00	140.19	279.10	0.00	160.25	5,756.60	33.00	0.00		0.17	0.04	0.02	38.85
AVERAGE		130.26	204.15	0.00	286.84	5,361.87		0.00	#DIV/0!	0.17	0.05	0.02	39.52
STD. DEV		26.77	77.72	0.00	179.04	558.65		0.00	#DIV/0!	0.01	0.01	0.00	1.30
% RSD		0.22	0.35	#DIV/0!	0.63	0.10		0.00	#DIV/0!	0.07	0.27	0.07	0.03
MIN		111.33	160.19	0.00	160.25	4,966.95		0.00	0.00	0.17	0.04	0.02	38.60
MAX		140.19	279.10	0.00	413.44	5,756.60		0.06	0.00	0.18	0.06	0.02	40.44
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.69
4/20/92-2,2-A	2.00	232.71	364.15	0.00	466.10	6,782.75	35.00	0.00		0.18	0.08	0.02	35.71
4/20/92-2,2-B	2.00	420.60	241.15	0.00	364.58	8,620.77	36.00	0.01		0.22	0.08	0.05	42.35
AVERAGE		326.36	302.65	0.00	410.34	7,706.26		0.01	#DIV/0!	0.20	0.08	0.03	39.03
STD. DEV		146.30	86.95	0.00	93.60	1,306.60		0.00	#DIV/0!	0.03	0.00	0.02	4.69
% RSD		0.45	0.29	#DIV/0!	0.22	0.17		0.69	#DIV/0!	0.15	0.06	0.19	0.12
MIN		232.71	241.15	0.00	364.58	6,782.75		0.00	0.00	0.18	0.08	0.02	35.71
MAX		420.60	364.15	0.00	466.10	8,620.77		0.01	0.00	0.22	0.08	0.05	42.35
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.00
AVERAGE		228.31	263.40	0.00	348.59	6,533.98		0.00	#DIV/0!	0.18	0.07	0.02	39.38
STD. DEV		140.80	81.17	0.00	142.94	1,582.76		0.00	#DIV/0!	0.03	0.00	0.01	2.83
% RSD		0.62	0.31	#DIV/0!	0.40	0.24		0.00	#DIV/0!	0.12	0.17	0.41	0.07
MIN		111.33	160.19	0.00	160.25	4,966.95		0.00	0.00	0.17	0.04	0.02	35.71
MAX		420.60	364.15	0.00	466.10	8,620.77		0.01	0.00	0.22	0.08	0.05	42.35
n		4.00	4.00	4.00	4.00	4.00		4.00	0.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	83.44	428.96	0.00	420.74	8,270.98	39.00	0.01		0.26	0.06	0.08	43.33
4/22/92-3,1-B	3.00	194.62	58.00	0.00	140.25	4,493.93	40.00	0.01		0.20	0.07	0.02	37.36
AVERAGE		139.03	243.48	0.00	280.49	6,382.46		0.01	#DIV/0!	0.23	0.07	0.05	40.35
STD. DEV		78.63	262.33	0.00	198.34	2,670.78		0.00	#DIV/0!	0.04	0.01	0.04	4.22
% RSD		0.57	1.08	#DIV/0!	0.69	0.42		0.00	#DIV/0!	0.19	0.13	0.24	0.10
MIN		83.44	58.00	0.00	140.25	4,493.93		0.01	2.00	0.20	0.06	0.02	37.36
MAX		194.62	428.96	0.00	420.74	8,270.98		0.01	0.00	0.26	0.07	0.08	43.33
n		2.00	2.00	2.00	2.00	2.00		2.00	[illegible]	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.00	0.00	0.00	15,905.48	61.00	0.00		0.20	0.07	0.02	40.41
4/22/92-3,2-B	3.00	1,546.40	0.00	0.00	0.00	6,899.23	62.00	0.00		0.14	0.06	0.02	30.87
AVERAGE		773.20	0.00	0.00	0.00	11,402.46		0.00	#DIV/0!	0.17	0.07	0.02	35.64
STD. DEV		1,093.47	0.00	0.00	0.00	6,368.21		0.00	#DIV/0!	0.04	0.01	0.00	6.74
% RSD		1.41	#DIV/0!	#DIV/0!	#DIV/0!	0.56		0.04	#DIV/0!	0.25	0.09	0.25	0.19
MIN		0.00	0.00	0.00	0.00	6,899.23		0.00	0.00	0.14	0.06	0.02	30.87
MAX		1,546.40	0.00	0.00	0.00	15,905.48		0.00	0.00	0.20	0.07	0.02	40.41
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.00
AVERAGE		456.12	121.75	0.00	144.75	8,892.46		0.01	#DIV/0!	0.20	0.07	0.03	37.89
STD. DEV		738.32	207.45	0.00	208.09	4,889.28		0.00	#DIV/0!	0.05	0.01	0.01	5.34
% RSD		1.62	1.71	#DIV/0!	1.40	0.55		0.11	#DIV/0!	0.26	0.16	0.27	0.14
MIN		0.00	0.00	0.00	0.00	4,493.93		0.00	0.00	0.14	0.06	0.02	30.87
MAX		1,546.40	428.96	0.00	420.74	15,905.48		0.01	0.00	0.26	0.07	0.08	43.33
n		4.00	4.00	4.00	4.00	4.00		4.00	0.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	225.76	164.30	0.21	373.10	5,810.38	65.00	0.01		0.41	0.09	0.04	43.95
4/23/92-4,1-B	4.00	177.59	326.40	12.39	385.78	5,893.36	66.00	0.01		0.32	0.05	0.04	42.57
AVERAGE		200.69	245.35	6.30	379.19	5,852.87		0.01	#DIV/0!	0.36	0.07	0.14	.
STD. DEV		32.46	114.62	8.61	8.61	58.68		0.00	#DIV/0!	0.07	0.01	0.01	0.37
% RSD		0.16	0.47	1.36	0.02	0.01		0.16	#DIV/0!	0.18	0.13	0.22	#VALUE!
MIN		177.59	164.30	0.21	373.10	5,810.38		0.01	0.00	0.32	0.05	0.04	42.57
MAX		223.76	326.40	12.39	385.28	5,893.36		0.01	0.00	0.41	0.09	0.05	43.95
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	121.61	194.98	0.00	286.58	5,272.37	67.00	0.01		0.43	0.11	0.05	42.28
4/23/92-4,2-B	4.00	251.60	324.77	14.00	242.59	6,005.60	68.00	0.01		0.39	0.10	0.04	46.07
AVERAGE		186.61	259.87	7.00	264.58	5,638.98		0.01	#DIV/0!	0.41	0.10	0.05	44.17
STD. DEV		91.91	91.77	9.90	30.17	518.47		0.00	#DIV/0!	0.03	0.01	0.00	2.68
% RSD		0.49	0.35	1.41	0.14	0.09		0.14	#DIV/0!	0.07	0.07	0.11	0.07
MIN		121.61	194.98	0.00	242.59	5,272.37		0.01	2.00	0.39	0.10	0.04	42.28
MAX		251.60	324.77	14.00	286.58	6,005.60		0.01	0.00	0.43	0.11	0.05	46.07
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.00
AVERAGE		193.65	252.61	6.65	324.39	5,645.43		0.01	#DIV/0!	0.38	0.09	0.05	43.66
STD. DEV		54.90	86.19	7.86	67.19	298.34		0.00	#DIV/0!	0.05	0.01	0.01	2.15
% RSD		0.28	0.34	1.18	0.21	0.05		0.14	#DIV/0!	0.13	0.13	0.18	0.05
MIN		121.61	164.30	0.00	242.59	5,272.37		0.01	0.00	0.32	0.05	0.04	42.28
MAX		251.60	326.40	14.00	385.28	6,005.60		0.01	0.00	0.43	0.11	0.05	46.07
n		4.00	4.00	4.00	4.00	4.00		4.00	0.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	254.20	414.19	26.12	430.00	6,265.92	71.00	0.01		0.56	0.13	0.06	38.65
4/24/92-5,1-B	5.00	144.91	321.93	64.50	361.31	5,415.07	72.00	0.01		0.38	0.10	0.04	40.11
AVERAGE		199.60	368.01	45.31	400.65	5,840.50		0.01	#DIV/0!	0.46	0.12	0.05	39.48
STD. DEV		77.28	65.31	27.14	55.6	596.79		0.00	#DIV/0!	0.11	0.02	0.01	0.89
% RSD		0.39	0.18	0.60	0.14	0.10		0.27	#DIV/0!	0.24	0.20	0.18	0.02
MIN		144.91	321.83	26.12	361.31	5,415.07		0.01	0.00	0.38	0.10	0.04	38.85
MAX		254.20	414.19	64.50	430.00	6,265.92		0.01	2.00	0.54	0.13	0.06	40.11
n		2.00	2.00	2.00	2.00	2.00		2.00	0.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	171.70	320.00	0.00	371.59	4,946.23	73.00	0.01		0.38	0.12	0.04	28.06
4/24/92-5,2-B	5.00			691.32	620.30	6,481.01	74.00	0.01		0.32	0.08	0.04	37.13
AVERAGE		171.70	320.00	345.66	495.90	5,708.62		0.01	#DIV/0!	0.35	0.10	0.04	32.59
STD. DEV		#DIV/0!	#DIV/0!	488.84	175.80	1,191.35		0.00	#DIV/0!	0.04	0.02	0.00	6.41
% RSD		#DIV/0!	#DIV/0!	1.41	0.35	0.21		0.30	#DIV/0!	0.11	0.15	0.11	0.20
MIN		171.70	320.00	0.00	371.59	4,946.23		0.01	0.00	0.32	0.08	0.04	28.06
MAX		171.70	320.00	691.32	620.30	6,481.01		0.01	0.00	0.38	0.12	0.04	37.13
n		1.00	1.00	2.00	2.00	2.00		2.00	[illegible]	2.00	2.00	2.00	2.00
AVERAGE		190.30	363.79	178.47	448.23	5,809.01		1.01	#DIV/0!	0.41	0.11	0.04	36.04
STD. DEV		57.03	53.60	331.63	119.80	767.10		1.40	#DIV/0!	0.09	0.02	0.01	5.46
% RSD		0.30	0.15	1.70	0.27	0.13		1.40	#DIV/0!	0.23	0.15	0.21	0.15
MIN		144.91	320.00	0.00	361.31	4,946.23		0.01	0.00	0.32	0.08	0.04	28.06
MAX		254.20	414.19	691.32	620.30	6,481.01		2.00	0.00	0.56	0.13	0.06	40.11
n		3.00	3.00	4.00	4.00	4.00		2.00	0.00	4.00	4.00	4.00	4.00

RP PES	Diam^2	H, mg/g	N, mg/g	2-4 μm (10-8 ø) (clay) %	4-63 μm (8-4 ø) (silt) %	63-300 μm (4-1.75 ø) (v fine to med sand) %	mm % 0.00	Mode, μm	Median μm	Mean, μm	S.D., μm
4/20/93-0,0	0.00	12.35	2.94								
4/23/93-0,0	0.00	15.63	3.13								
4/23/93-0,0	0.00	11.17	2.78								
4/24/93-0,0	0.00	14.00	3.53								
AVERAGE		13.43	3.04	#DIV/0!	#DIV/0!	#DIV/0!	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
STD. DEV		1.77	0.36	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.13	0.08	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		11.17	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		15.63	3.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	0.00	0.00	0.00	1.00	.00	0.00	0.00	0.00
4/20/93-2,1-A	2.00	13.78	4.67								
4/20/93-2,1-B	2.00	9.77	4.42	2.46	72.49	25.05	100.00	32.84	36.50	46.08	34.22
AVERAGE		11.77	4.54	2.46	72.49	25.05	100.00	32.84	36.50	46.08	34.22
STD. DEV		2.84	0.18	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.24	0.04	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		9.77	4.42	2.46	72.49	25.05	100.00	32.84	36.50	46.08	34.22
MAX		13.78	4.67	2.46	72.49	25.05	100.00	32.84	36.50	46.08	34.22
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4/20/93-2,2-A	2.00	16.33	3.88								
4/20/93-2,2-B	2.00	15.10	4.90	2.60	74.11	23.29	100.00	19.90	23.77	46.61	54.34
AVERAGE		15.71	4.39	2.60	74.11	23.29	100.00	19.90	23.77	46.61	54.34
STD. DEV		0.87	0.72	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.56	0.17	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		15.10	3.88	2.60	74.11	23.29	100.00	19.90	23.77	46.61	54.34
MAX		16.33	4.90	2.60	74.11	23.29	100.00	19.90	23.77	46.61	54.34
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AVERAGE		13.74	4.47	2.53	73.30	24.17	100.00	26.37	26.14	47.35	54.28
STD. DEV		2.85	0.44	0.10	1.15	1.24	0.00	9.15	1.95	1.84	0.08
%RSD		0.21	0.10	0.04	0.02	0.05	0.00	0.35	0.07	0.03	0.00
MIN		9.77	3.88	2.46	72.49	23.29	100.00	19.90	23.77	46.61	54.22
MAX		16.33	4.90	2.60	74.11	25.05	100.00	32.84	26.50	48.08	54.34
n		4.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/93-3,1-A	3.00	10.33	5.17								
4/22/93-3,1-B	3.00	13.98	4.15	2.52	59.13	38.35	100.00	126.90	37.36	63.67	61.48
AVERAGE		11.96	4.66	2.52	59.13	38.35	100.00	126.90	37.36	63.67	61.48
STD. DEV		2.36	0.72	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.19	0.15	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		10.33	4.15	2.52	59.13	38.35	100.00	126.90	37.36	63.67	61.48
MAX		13.98	5.17	2.52	59.13	38.35	100.00	126.90	37.36	63.67	61.48
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4/22/93-3,2-A	3.00	14.08	4.49								
4/22/93-3,2-B	3.00	13.26	3.48	2.77	62.79	34.43	99.99	114.98	32.66	56.74	58.97
AVERAGE		13.67	4.09	2.77	62.79	34.43	99.99	114.98	32.66	56.74	58.97
STD. DEV		0.58	0.86	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.04	0.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		13.26	3.48	2.77	62.79	34.43	99.99	114.98	32.66	56.74	58.97
MAX		14.08	4.69	2.77	62.79	34.43	99.99	114.98	32.66	56.74	58.97
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AVERAGE		12.82	4.37	2.65	60.96	36.39	100.00	119.95	36.01	60.21	60.21
STD. DEV		1.69	0.73	0.18	2.99	2.77	0.01	7.87	3.34	4.98	1.77
%RSD		0.13	0.17	0.07	0.04	0.08	0.00	0.06	0.10	0.08	0.03
MIN		10.33	3.48	2.52	59.13	34.43	99.99	114.98	32.66	56.74	58.97
MAX		14.08	5.17	2.77	62.79	38.35	100.00	126.90	37.36	63.67	61.48
n		4.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,1-A	4.00	9.68	5.05								
4/23/93-4,1-B	4.00	10.41	4.73	3.24	58.54	38.22	100.00	75.70	33.36	64.39	67.34
AVERAGE		10.04	4.89	3.24	58.54	38.22	100.00	75.70	33.36	64.39	67.34
STD. DEV		0.51	0.23	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.05	0.05	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		9.68	4.73	3.24	58.54	38.22	100.00	75.70	33.36	64.39	67.34
MAX		10.41	5.05	3.24	58.54	38.22	100.00	75.70	33.36	64.39	67.34
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4/23/93-4,2-A	4.00	10.40	4.85								
4/23/93-4,2-B	4.00	11.45	5.05	3.09	56.14	40.77	100.00	126.82	39.60	65.81	63.89
AVERAGE		10.93	4.95	3.09	56.14	40.77	100.00	126.82	39.60	65.81	63.89
STD. DEV		0.74	0.15	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.07	0.03	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		10.40	4.85	3.09	56.14	40.77	100.00	126.82	39.60	65.81	63.89
MAX		11.45	5.05	3.09	56.14	40.77	100.00	126.82	39.60	65.81	63.89
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AVERAGE		10.48	4.98	3.27	57.34	39.59	100.00	100.76	36.18	64.66	66.87
STD. DEV		0.73	0.16	0.11	1.76	1.84	0.00	35.44	3.89	0.82	2.89
%RSD		0.07	0.03	0.04	0.03	0.05	0.00	0.35	0.11	0.01	0.04
MIN		9.68	4.73	3.09	56.14	38.22	100.00	75.70	33.36	64.39	63.89
MAX		11.45	5.05	3.36	58.54	40.77	100.00	126.82	39.60	65.81	67.34
n		4.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,1-A	5.00	9.06	4.10								
4/24/93-5,1-B	5.00	10.00	4.68	5.35	65.96	28.69	100.00	97.25	22.54	46.17	50.92
AVERAGE		9.53	4.37	5.35	65.96	28.69	100.00	97.25	22.54	46.17	50.92
STD. DEV		0.66	0.38	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.07	0.09	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		9.06	4.10	5.35	65.96	28.69	100.00	97.25	22.54	46.17	50.92
MAX		10.00	4.63	5.35	65.96	28.69	100.00	97.25	22.54	46.17	50.92
n		2.00	2.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00
4/24/93-5,2-A	5.00	8.38	3.96								
4/24/93-5,2-B	5.00	10.69	4.82	2.74	49.76	47.51	100.01	114.93	52.90	76.35	68.37
AVERAGE		9.64	4.39	2.74	49.76	47.51	100.01	114.93	52.90	76.04	68.37
STD. DEV		1.49	0.48	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD		0.15	0.19	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		8.38	3.96	2.74	49.76	47.51	100.01	114.93	52.90	76.04	68.37
MAX		10.69	4.82	2.74	49.76	47.51	100.01	114.93	52.90	76.04	68.37
n		2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AVERAGE		9.88	3.98	4.46	57.86	38.10	100.01	106.09	37.72	61.11	59.65
STD. DEV		0.94	0.48	1.86	11.46	13.31	0.01	12.58	21.47	12.37	12.36
%RSD		0.10	0.17	0.46	0.20	0.35	0.00	0.12	0.57	0.18	0.21
MIN		8.38	3.96	2.74	49.76	28.69	100.00	97.25	22.54	46.17	50.92
MAX		10.69	4.63	5.35	65.96	47.51	100.01	114.93	52.90	76.04	68.37
n		4.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

RP PES

	D(cm^2)	Conf (vm), %	CB008, ng	CB018, ng	CB028, ng	CB029, ng	CB050, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng	CB101, ng
4/20/92-0,0	0.50		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-0,0	0.00		0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
4/23/92-0,0	0.00		0.15	0.04	0.06	0.05	0.07	0.02	0.00	0.17	0.04	0.01
4/24/92-0,0	0.00											
AVERAGE		#DIV/0!	0.05	0.02	0.03	0.02	0.02	0.01	0.00	0.06	0.00	0.00
STD. DEV		#DIV/0!	0.09	0.03	0.03	0.03	0.04	0.01	0.00	0.10	0.02	0.00
% RSD		#DIV/0!	1.73	1.34	1.19	1.73	1.73	1.11	#DIV/0!	1.73	1.73	1.73
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.15	0.04	0.06	0.05	0.07	0.02	0.00	0.17	0.04	0.01
n		0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
4/20/92-2,1-A	2.00		0.00	0.00	0.05	0.12	0.01	0.02	0.00	0.01	0.00	0.05
4/20/92-2,1-B	2.00	99.99	0.07	0.15	0.40	0.00	0.20	0.23	0.18	0.14	0.07	0.13
AVERAGE		99.99	0.04	0.07	0.26	0.16	0.15	0.12	0.00	0.07	0.04	0.00
STD. DEV		#DIV/0!	0.05	0.11	0.33	0.08	0.20	0.15	0.00	0.10	0.05	0.00
% RSD		#DIV/0!	1.41	1.41	1.27	0.34	1.33	1.30	#DIV/0!	1.33	1.41	0.37
MIN		99.99	0.00	0.00	0.05	0.00	0.01	0.02	0.00	0.01	0.00	0.05
MAX		99.99	0.07	0.15	0.40	0.12	0.20	0.23	0.00	0.14	0.07	0.13
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00		0.00	0.01	0.02	0.00	0.05	0.06	0.00	0.00	0.14	0.18
4/20/92-2,2-B	2.00	99.98	0.00	0.00	0.00	0.00	0.03	0.04	0.00	0.00	0.00	0.11
AVERAGE		99.98	0.00	0.01	0.01	0.00	0.04	0.05	0.00	0.00	0.07	0.15
STD. DEV		#DIV/0!	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.10	0.05
% RSD		#DIV/0!	1.41	1.41	1.41	#DIV/0!	0.08	0.43	#DIV/0!	#DIV/0!	1.41	0.34
MIN		99.98	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.11
MAX		99.98	0.00	0.01	0.02	0.00	0.06	0.06	0.00	0.00	0.14	0.18
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		99.99	0.02	0.04	0.13	0.03	0.10	0.08	0.00	0.04	0.05	0.12
STD. DEV		0.01	0.03	0.07	0.24	0.06	0.12	0.10	0.00	0.07	0.07	0.06
% RSD		0.00	1.29	1.77	1.79	1.19	1.21	1.25	#DIV/0!	1.91	1.30	0.48
MIN		99.98	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.05
MAX		99.99	0.07	0.15	0.40	0.12	0.20	0.23	0.00	0.14	0.14	0.18
n		2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-3,1-A	3.00		0.00	0.00	0.00	0.00	0.22	0.13	0.00	0.08	0.26	0.30
4/22/92-3,1-B	3.00	100.00	0.01	0.02	0.00	0.00	0.14	0.08	0.00	0.06	0.27	0.42
AVERAGE		100.00	0.01	0.01	0.00	0.00	0.18	0.11	0.00	0.07	0.26	0.36
STD. DEV		#DIV/0!	0.01	0.01	0.00	0.00	0.06	0.04	0.00	0.02	0.01	0.08
% RSD		#DIV/0!	1.41	1.38	#DIV/0!	#DIV/0!	0.33	0.38	#DIV/0!	0.26	0.03	0.23
MIN		100.00	0.00	0.00	0.00	0.00	0.14	0.08	0.00	0.06	0.26	0.30
MAX		100.00	0.01	0.02	0.00	0.00	0.22	0.13	0.00	0.08	0.27	0.42
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00		0.48	0.01	0.00	0.00	0.19	0.08	0.00	0.01	0.04	0.18
4/22/92-3,2-B	3.00	100.00	0.00	0.09	0.00	0.00	0.24	0.28	0.00	0.04	0.35	0.51
AVERAGE		100.00	0.24	0.05	0.00	0.00	0.21	0.18	0.00	0.03	0.19	0.34
STD. DEV		#DIV/0!	0.34	0.06	0.00	0.00	0.04	0.14	0.00	0.02	0.22	0.24
% RSD		#DIV/0!	1.41	1.30	#DIV/0!	#DIV/0!	0.16	0.76	#DIV/0!	0.80	1.13	0.70
MIN		100.00	0.00	0.01	0.00	0.00	0.19	0.08	0.00	0.01	0.04	0.16
MAX		100.00	0.48	0.09	0.00	0.00	0.24	0.28	0.00	0.04	0.35	0.51
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		100.00	0.12	0.03	0.00	0.00	0.20	0.14	0.00	0.05	0.23	0.35
STD. DEV		0.00	0.24	0.04	0.00	0.00	0.04	0.09	0.00	0.03	0.13	0.15
% RSD		0.00	1.98	1.45	#DIV/0!	#DIV/0!	0.21	0.65	#DIV/0!	0.57	0.58	0.41
MIN		100.00	0.00	0.00	0.00	0.00	0.14	0.08	0.00	0.01	0.04	0.16
MAX		100.00	0.48	0.09	0.00	0.00	0.24	0.28	0.00	0.08	0.35	0.51
n		2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00		0.02	0.05	0.00	0.00	0.41	0.42	0.07	0.15	0.82	0.94
4/23/92-4,1-B	4.00	100.00	0.00	0.08	0.00	0.00	0.71	0.56	0.00	0.21	1.13	1.29
AVERAGE		100.00	0.01	0.06	0.00	0.00	0.56	0.49	0.04	0.18	0.97	1.11
STD. DEV		#DIV/0!	0.00	0.02	0.00	0.00	0.21	0.11	0.05	0.04	0.22	0.25
% RSD		#DIV/0!	0.21	0.27	#DIV/0!	#DIV/0!	0.38	0.22	1.41	0.23	0.23	0.22
MIN		100.00	0.00	0.05	0.00	0.00	0.41	0.42	0.00	0.15	0.82	0.94
MAX		100.00	0.02	0.08	0.00	0.00	0.71	0.56	0.07	0.21	1.13	1.29
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00		0.05	0.06	0.00	0.20	0.50	0.43	0.00	0.19	1.00	1.02
4/23/92-4,2-B	4.00	100.00	0.11	0.07	0.00	0.00	0.78	0.57	0.00	0.24	1.29	1.30
AVERAGE		100.00	0.08	0.07	0.00	0.10	0.64	0.50	0.00	0.21	1.15	1.16
STD. DEV		#DIV/0!	0.04	0.01	0.00	0.14	0.20	0.10	0.00	0.03	0.20	0.20
% RSD		#DIV/0!	0.50	0.12	#DIV/0!	1.41	0.31	0.19	#DIV/0!	0.15	0.18	0.17
MIN		100.00	0.05	0.06	0.00	0.00	0.50	0.43	0.00	0.19	1.00	1.02
MAX		100.00	0.11	0.07	0.00	0.20	0.78	0.57	0.00	0.24	1.29	1.30
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		100.00	0.05	0.06	0.00	0.05	0.60	0.50	0.02	0.20	1.06	1.14
STD. DEV		0.00	0.04	0.01	0.00	0.10	0.17	0.09	0.04	0.04	0.20	0.19
% RSD		0.00	0.78	0.18	#DIV/0!	2.00	0.29	0.17	2.00	0.18	0.19	0.16
MIN		100.00	0.00	0.05	0.00	0.00	0.41	0.42	0.00	0.15	0.82	0.94
MAX		100.00	0.11	0.08	0.00	0.20	0.78	0.57	0.07	0.24	1.29	1.30
n		2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00		1.91	3.72	3.27	3.23	5.61	3.26	0.00	1.74	2.07	1.92
4/24/92-5,1-B	5.00	99.99	0.00	0.05	0.00	0.00	0.84	0.05	0.00	0.23	1.49	1.60
AVERAGE		99.99	0.97	1.89	1.63	1.62	3.23	1.66	0.00	0.99	1.78	1.76
STD. DEV		#DIV/0!	1.33	2.59	2.31	2.29	3.37	1.88	0.00	1.07	0.41	0.22
% RSD		#DIV/0!	1.36	1.37	1.41	1.41	1.04	0.95	#DIV/0!	1.08	0.23	0.13
MIN		99.99	0.04	0.05	0.00	0.00	0.84	0.05	0.00	0.23	1.49	1.60
MAX		99.99	1.91	3.72	3.27	3.23	5.61	3.26	0.00	1.74	2.07	1.92
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00		0.02	0.07	0.00	0.00	0.75	0.68	0.00	0.27	1.61	1.77
4/24/92-5,2-B	5.00	100.00	0.13	0.11	0.00	0.00	1.13	0.83	0.00	0.37	2.25	2.19
AVERAGE		100.00	0.07	0.09	0.00	0.00	0.94	0.76	0.00	0.32	1.93	1.98
STD. DEV		#DIV/0!	0.07	0.03	0.00	0.00	0.27	0.16	0.00	0.07	0.46	0.30
% RSD		#DIV/0!	0.99	0.30	#DIV/0!	#DIV/0!	0.29	0.14	#DIV/0!	0.22	0.24	0.15
MIN		100.00	0.02	0.07	0.00	0.00	0.75	0.68	0.00	0.27	1.61	1.77
MAX		100.00	0.13	0.11	0.00	0.00	1.13	0.83	0.00	0.37	2.25	2.19
n		1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		100.00	0.52	0.99	0.82	0.81	2.08	1.26	0.00	0.65	1.85	1.87
STD. DEV		0.01	0.93	1.82	1.63	1.62	2.36	1.27	0.00	0.73	0.37	0.30
% RSD		0.00	1.77	1.84	2.00	2.00	1.13	0.94	#DIV/0!	1.11	0.20	0.13
MIN		99.99	0.00	0.05	0.00	0.00	0.75	0.05	0.00	0.23	1.49	1.60
MAX		100.00	1.91	3.72	3.27	3.23	5.61	3.26	0.00	1.74	2.25	2.19
n		2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PRS

	Days^1	CB087, ng	CB077, ng	CB154, ng	CB118, ng	CB105, ng	CB153, ng	CB156, ng	CB138, ng	CB136, ng	CB187, ng	CB128, ng
4/20/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/92-0,0	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-0,0	0.00											
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		#DIV/0!	1.63	0.00	1.73	#DIV/0!	#DIV/0!	1.73	1.61	1.73	#DIV/0!	1.73
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
4/20/92-2,1-A	2.00	0.00	0.00	0.01	0.10	0.00	0.33	0.09	0.30	0.00	0.13	0.05
4/20/92-2,1-B	2.00	0.00	0.15	0.06	0.19	0.01	0.75	0.07	0.34	0.01	0.13	0.05
AVERAGE		0.00	0.10	0.04	0.14	0.00	0.54	0.08	0.32	0.00	0.13	0.05
STD. DEV		0.00	0.07	0.03	0.06	0.00	0.30	0.01	0.03	0.00	0.00	0.00
%RSD		1.41	6.71	0.06	0.40	1.36	0.06	0.16	0.13	#DIV/0!	1.46	0.07
MIN		0.00	0.05	0.01	0.10	0.00	0.33	0.08	0.30	0.00	0.13	0.05
MAX		0.00	0.15	0.06	0.19	0.01	0.75	0.07	0.34	0.01	0.13	0.05
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.00	0.00	0.00	0.11	0.00	0.36	0.10	0.30	0.00	0.14	0.05
4/20/92-2,2-B	2.00	0.00	0.10	0.02	0.24	0.00	0.36	0.08	0.28	0.00	0.14	0.06
AVERAGE		0.00	0.10	0.01	0.33	0.00	0.36	0.09	0.29	0.00	0.14	0.06
STD. DEV		0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.01
%RSD		#DIV/0!	0.07	1.41	0.05	1.41	0.00	0.06	0.03	#DIV/0!	0.02	0.10
MIN		0.00	0.09	0.01	0.33	0.00	0.36	0.09	0.29	0.00	0.14	0.06
MAX		0.00	0.10	0.02	0.34	0.00	0.36	0.10	0.30	0.00	0.14	0.06
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.01	0.10	0.02	0.19	0.00	0.30	0.08	0.26	0.00	0.13	0.05
STD. DEV		0.02	0.04	0.03	0.06	0.00	0.07	0.02	0.05	0.00	0.01	0.01
%RSD		3.00	0.43	1.13	0.33	1.41	0.24	0.28	0.19	#DIV/0!	0.09	0.23
MIN		0.00	0.06	0.00	0.10	0.00	0.33	0.08	0.26	0.00	0.13	0.05
MAX		0.03	0.15	0.06	0.24	0.01	0.36	0.10	0.30	0.00	0.14	0.06
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-3,1-A	3.00	0.00	0.28	0.04	0.44	0.00	0.77	0.19	0.61	0.00	0.33	0.11
4/23/92-3,1-B	3.00	0.00	0.26	0.04	0.41	0.00	0.89	0.21	0.54	0.00	0.33	0.12
AVERAGE		0.00	0.27	0.04	0.43	0.00	0.83	0.20	0.63	0.00	0.33	0.11
STD. DEV		0.00	0.01	0.00	0.02	0.00	0.09	0.01	0.05	0.00	0.00	0.01
%RSD		0.00	0.03	0.06	0.03	1.41	0.10	0.05	0.05	#DIV/0!	0.00	0.07
MIN		0.00	0.26	0.04	0.41	0.00	0.77	0.19	0.58	0.00	0.33	0.11
MAX		0.00	0.28	0.04	0.43	0.00	0.89	0.21	0.64	0.00	0.33	0.12
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.13	0.00	0.23	0.00	0.47	0.06	0.28	0.00	0.00	0.00
4/22/92-3,2-B	3.00	0.14	0.37	0.07	0.44	0.04	0.86	0.20	0.51	0.00	0.33	0.14
AVERAGE		0.07	0.25	0.04	0.34	0.02	0.73	0.13	0.40	0.00	0.17	0.07
STD. DEV		0.11	0.17	0.05	0.29	0.03	0.36	0.10	0.17	0.00	0.23	0.10
%RSD		1.57	0.69	1.39	0.86	1.41	0.49	0.73	0.43	#DIV/0!	1.36	1.36
MIN		0.00	0.13	0.00	0.33	0.00	0.47	0.06	0.28	0.00	0.33	0.05
MAX		0.14	0.37	0.07	0.44	0.04	0.86	0.20	0.51	0.00	0.33	0.14
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.26	0.04	0.40	0.01	0.77	0.19	0.50	0.00	0.33	0.13
STD. DEV		0.00	0.16	0.05	0.19	0.01	0.22	0.09	0.22	0.00	0.13	0.05
%RSD		0.01	0.58	0.79	0.50	1.99	0.30	0.46	0.37	#DIV/0!	0.33	0.64
MIN		0.00	0.13	0.00	0.33	0.00	0.47	0.06	0.28	0.00	0.33	0.05
MAX		0.14	0.37	0.07	0.44	0.01	0.86	0.20	0.51	0.00	0.33	0.14
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.28	0.84	0.18	1.18	0.00	1.84	0.47	1.36	0.00	0.80	0.27
4/23/92-4,1-B	4.00	0.43	1.08	0.33	1.45	0.02	2.13	0.57	1.69	0.00	0.93	0.33
AVERAGE		0.36	0.96	0.25	1.31	0.01	1.99	0.52	1.54	0.00	0.86	0.30
STD. DEV		0.09	0.16	0.04	0.19	0.02	0.20	0.07	0.16	0.00	0.08	0.04
%RSD		0.27	0.17	0.18	0.14	1.41	0.10	0.17	0.14	1.41	0.09	0.13
MIN		0.28	0.84	0.18	1.18	0.00	1.84	0.47	1.36	0.00	0.80	0.27
MAX		0.43	1.08	0.33	1.45	0.02	2.13	0.57	1.69	0.00	0.93	0.33
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.26	0.84	0.11	0.00	0.04	1.08	0.27	1.84	0.02	0.80	0.27
4/23/92-4,2-B	4.00	0.39	1.10	0.16	1.56	0.00	2.48	0.63	1.75	0.00	1.04	0.33
AVERAGE		0.33	1.03	0.15	0.78	0.02	1.37	0.49	1.71	0.01	0.96	0.30
STD. DEV		0.09	0.11	0.05	1.10	0.03	0.27	0.04	0.10	0.03	0.10	0.03
%RSD		0.28	0.11	0.35	1.41	1.41	0.13	0.07	0.06	1.41	0.10	0.13
MIN		0.26	0.94	0.11	0.00	0.00	1.08	0.27	1.64	0.00	0.80	0.27
MAX		0.39	1.10	0.16	1.56	0.04	2.46	0.63	1.75	0.02	1.04	0.33
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.34	0.96	0.15	1.05	0.01	2.13	0.51	1.63	0.01	0.91	0.30
STD. DEV		0.06	0.13	0.06	0.71	0.02	0.36	0.12	0.17	0.02	0.16	0.05
%RSD		0.23	0.13	0.39	0.68	1.34	0.12	0.23	0.11	1.18	0.18	0.18
MIN		0.26	0.84	0.11	0.00	0.00	1.84	0.27	1.36	0.00	0.80	0.27
MAX		0.43	1.10	0.33	1.56	0.04	2.46	0.63	1.75	0.02	1.04	0.33
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.68	1.52	0.36	2.39	0.10	4.14	0.93	2.76	0.00	1.85	0.67
4/24/92-5,1-B	5.00	0.49	1.39	0.26	1.99	0.08	3.19	0.77	2.31	0.00	1.31	0.50
AVERAGE		0.58	1.46	0.31	2.19	0.09	3.67	0.85	2.54	0.00	1.58	0.58
STD. DEV		0.13	0.09	0.07	0.29	0.01	0.67	0.13	0.32	0.00	0.34	0.10
%RSD		0.23	0.06	0.23	0.13	0.15	0.18	0.14	0.13	#DIV/0!	0.16	0.20
MIN		0.49	1.39	0.26	1.99	0.08	3.19	0.77	2.31	0.00	1.31	0.50
MAX		0.68	1.52	0.36	2.39	0.10	4.14	0.93	2.76	0.00	1.85	0.67
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	0.54	1.49	0.23	2.18	0.00	3.72	0.90	2.69	0.26	1.70	0.55
4/24/92-5,2-B	5.00	0.71	2.12	0.30	2.73	0.02	4.39	1.21	3.27	0.04	1.74	0.55
AVERAGE		0.63	1.80	0.26	2.45	0.01	4.05	1.06	2.98	0.15	1.72	0.55
STD. DEV		0.12	0.45	0.05	0.39	0.01	0.48	0.22	0.41	0.15	0.03	0.01
%RSD		0.19	0.35	0.19	0.16	1.41	0.12	0.21	0.14	1.04	0.02	0.01
MIN		0.54	1.49	0.23	2.18	0.00	3.72	0.90	2.69	0.04	1.70	0.55
MAX		0.71	2.12	0.30	2.73	0.02	4.39	1.21	3.27	0.26	1.74	0.55
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.60	1.63	0.29	2.32	0.02	3.86	0.96	2.76	0.07	1.60	0.54
STD. DEV		0.11	0.33	0.06	0.33	0.01	0.33	0.19	0.39	0.13	0.19	0.12
%RSD		0.18	0.20	0.19	0.14	0.58	0.14	0.20	0.14	1.66	0.13	0.23
MIN		0.49	1.39	0.23	1.99	0.00	3.19	0.77	2.31	0.00	1.31	0.50
MAX		0.71	2.12	0.36	2.73	0.10	4.39	1.21	3.27	0.26	1.74	0.67
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

XP PES

	Dioxin^2	CB169, ng	CB123, ng	CB170, ng	CB156, ng	CB105, ng	CB118, ng	CB mm, ng	HCB, ng	HCBT, ng	ALDRIN, ng	OP'DDE, ng
4/20/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
4/21/92-0,0	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-0,0	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
4/24/92-0,0	0.00								0.12	0.71	0.00	0.41
AVERAGE		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.18	0.17	0.13
STD. DEV		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.06	0.26	0.29	0.19
%RSD		0.01	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.73	1.41	1.86	1.06	0.86	1.43
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.71	1.70	0.71	0.41
n		3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	1.00	0.02	0.14	0.03	0.34	0.00	0.13	1.64	0.00	0.00	0.00	0.00	0.07
4/20/92-2,1-B	1.00	0.01	0.10	0.00	0.00	0.00	0.08	1.00	0.10	0.35	0.00	0.00	0.30
AVERAGE		0.01	0.12	0.00	0.17	0.00	0.10	1.32	0.05	0.18	0.00	0.00	0.14
STD. DEV		0.01	0.03	0.00	0.24	0.00	0.03	0.46	0.07	0.25	0.00	0.00	0.09
%RSD		0.71	0.22	#DIV/0!	1.41	#DIV/0!	0.30	0.35	1.41	1.41	#DIV/0!	#DIV/0!	0.66
MIN		0.01	0.10	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.07
MAX		0.03	0.14	0.00	0.34	0.00	0.13	1.00	0.10	0.35	0.00	0.00	0.30
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.00	0.21	0.00	1.42	0.04	0.26	2.74	0.01	0.00	1.41	0.34	0.18
4/20/92-2,2-B	2.00	0.04	0.13	0.16	0.04	0.00	0.27	2.17	0.00	0.00	0.34	0.00	0.00
AVERAGE		0.00	0.19	0.00	0.73	0.02	0.27	2.46	0.01	0.00	0.71	0.17	0.13
STD. DEV		0.01	0.06	0.11	0.96	0.02	0.01	1.41	0.01	0.00	0.76	0.17	0.09
%RSD		0.17	0.30	1.41	1.34	1.41	0.05	0.57	1.41	0.76	0.97	0.77	0.66
MIN		0.04	0.13	0.00	0.04	0.00	0.26	2.17	0.00	0.00	0.34	0.34	0.00
MAX		0.00	0.33	0.16	1.42	0.04	0.27	2.74	0.01	0.00	1.41	0.34	0.13
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.15	0.04	0.00	0.01	0.15	2.04	0.00	0.00	0.07	0.00	0.11
STD. DEV		0.01	0.00	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.11	0.07	0.00
%RSD		0.47	0.33	3.00	1.00	2.00	0.05	0.35	1.00	1.00	1.00	1.00	0.00
MIN		0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.33	0.16	1.41	0.04	0.27	2.74	0.01	0.00	1.41	0.34	0.13
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.15	0.04	0.00	0.01	0.15	2.04	0.00	0.00	0.07	0.00	0.11
STD. DEV		0.01	0.00	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.11	0.07	0.00
%RSD		0.47	0.33	3.00	1.00	2.00	0.05	0.35	1.00	1.00	1.00	1.00	0.00
MIN		0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.33	0.16	1.41	0.04	0.27	2.74	0.01	0.00	1.41	0.34	0.13
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,1-A	3.00	0.17	0.34	0.19	0.13	0.06	0.34	3.51	0.00	0.34	0.29	0.35	0.11
4/22/92-3,1-B	3.00	0.12	0.41	0.23	0.28	0.16	0.76	4.73	0.01	0.00	0.30	0.30	0.30
AVERAGE		0.15	0.48	0.21	0.20	0.11	0.55	4.12	0.01	0.00	0.30	0.33	0.20
STD. DEV		0.04	0.10	0.06	0.11	0.07	0.29	1.86	0.01	0.00	0.33	0.07	0.13
%RSD		0.36	0.20	0.00	0.55	0.64	0.53	0.27	1.16	0.00	0.00	0.00	0.64
MIN		0.13	0.01	0.19	0.13	0.06	0.34	3.31	0.00	0.34	0.29	0.30	0.30
MAX		0.17	0.54	0.23	0.28	0.16	0.76	4.73	0.01	0.00	0.30	0.35	0.30
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-3,2-A	3.00	0.03	0.14	0.43	0.04	0.00	0.14	3.23	0.16	0.33	0.19	0.11	0.00
4/23/92-3,2-B	3.00	0.28	0.81	0.00	1.84	0.34	0.83	10.55	0.01	0.14	0.01	0.00	0.00
AVERAGE		0.15	0.77	0.21	0.95	0.40	0.49	6.79	0.09	0.23	0.15	0.05	0.04
STD. DEV		0.15	0.48	0.30	1.26	0.48	0.48	5.04	0.10	0.13	0.08	0.05	0.05
%RSD		1.19	1.00	1.41	1.38	1.41	0.99	0.74	1.38	0.57	0.55	1.41	1.00
MIN		0.03	0.14	0.00	0.04	0.00	0.14	3.23	0.01	0.00	0.19	0.00	0.00
MAX		0.28	0.81	0.43	1.83	0.34	0.83	10.55	0.16	0.34	0.01	0.11	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.15	0.47	0.36	0.95	0.39	0.83	6.48	0.08	0.23	0.10	0.07	0.07
STD. DEV		0.11	0.38	0.30	0.84	0.48	0.33	3.80	0.08	0.13	0.08	0.05	0.14
%RSD		0.73	0.80	0.99	1.40	1.23	0.63	0.47	1.01	0.55	0.48	0.68	0.01
MIN		0.03	0.14	0.00	0.04	0.00	0.14	3.23	0.01	0.00	0.19	0.00	0.00
MAX		0.28	0.81	0.43	1.83	0.34	0.83	10.55	0.16	0.34	0.01	0.11	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.14	0.93	0.00	0.43	0.04	0.91	13.30	0.02	0.07	0.00	0.34	0.00
4/23/92-4,1-B	4.00	0.00	1.47	0.00	0.53	0.01	1.16	17.12	0.04	0.00	0.44	0.00	0.00
AVERAGE		0.31	1.20	0.00	0.49	0.24	1.07	15.21	0.03	0.07	0.22	0.17	0.00
STD. DEV		0.24	0.38	0.00	0.00	0.11	0.13	2.70	0.01	0.05	0.31	0.24	0.00
%RSD		0.78	0.32	#DIV/0!	0.15	0.15	0.11	0.18	0.43	1.00	1.41	1.04	
MIN		0.14	0.93	0.00	0.43	0.04	0.99	13.30	0.02	0.07	0.00	0.00	0.00
MAX		0.00	1.47	0.00	0.53	0.01	1.16	17.12	0.04	0.00	0.44	0.00	0.00
n		2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,3-A	4.00	0.10	1.05	0.00	0.44	0.00	1.13	13.07	0.04	0.03	0.16	0.00	0.00
4/23/92-4,3-B	4.00	0.18	1.20	0.11	0.54	0.77	1.16	17.76	0.04	0.07	0.21	0.70	
AVERAGE		0.14	1.11	0.04	0.49	0.73	1.14	15.41	0.04	0.05	0.19	0.35	0.00
STD. DEV		0.06	0.13	0.08	0.07	0.04	0.02	3.33	0.00	0.03	0.04	0.46	
%RSD		0.00	0.11	1.01	0.14	0.05	0.00	0.22	0.00	0.00	0.21	1.33	
MIN		0.10	1.05	0.00	0.44	0.00	1.13	13.07	0.04	0.03	0.16	0.00	0.00
MAX		0.18	1.20	0.11	0.54	0.77	1.16	17.76	0.04	0.07	0.21	0.70	
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.33	1.16	0.00	0.49	0.73	1.11	15.41	0.04	0.07	0.20	0.35	
STD. DEV		0.17	0.04	0.00	0.07	0.07	0.00	3.36	0.00	0.00	0.04	0.33	
%RSD		0.77	0.30	1.00	0.13	0.10	0.07	0.15	0.00	0.00	0.00	0.94	
MIN		0.10	0.00	0.00	0.43	0.00	0.00	13.30	0.02	0.07	0.00	0.00	0.00
MAX		0.00	1.47	0.11	0.00	0.01	1.16	17.73	0.04	0.00	0.44	0.70	
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.04	2.30	0.03	4.15	0.00	0.00	30.34	1.22	0.00	0.00	1.00	
4/24/92-5,1-B	5.00	0.17	1.43	0.05	0.00	1.03	1.34	21.97	0.05	0.10	0.31	0.00	
AVERAGE		0.05	1.90	1.05	5.43	0.51	0.77	37.08	0.63	0.00	0.00	0.97	
STD. DEV		0.05	0.00	2.66	2.66	0.73	1.00	22.11	0.83	0.07	0.66	0.16	
%RSD		0.00	0.36	1.37	1.06	1.41	1.41	0.00	1.76	1.41	1.00	0.17	
MIN		0.17	1.43	0.05	0.00	0.00	0.00	14.97	0.05	0.00	0.31	0.00	
MAX		0.04	2.30	3.03	4.15	1.03	1.34	30.34	1.22	0.10	0.31	1.00	
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
4/24/92-5,2-A	5.00	0.33	2.00	0.79	1.18	1.02	2.23	27.54	0.00	0.13	0.32	0.13	
4/24/92-5,2-B	5.00	0.27	2.15	0.33	0.04	1.33	2.00	31.17	0.03	0.00	0.00	0.16	
AVERAGE		0.30	2.08	0.56	1.06	1.08	2.13	29.36	0.07	0.06	0.07	0.14	
STD. DEV		0.08	0.11	0.34	0.17	0.21	0.16	2.57	0.03	0.08	0.19	0.03	
%RSD		0.16	0.05	0.60	0.16	0.14	0.07	0.09	0.39	1.41	0.03	0.22	
MIN		0.27	2.00	0.33	0.04	1.33	2.03	27.54	0.05	0.00	0.32	0.12	
MAX		0.33	2.15	0.79	1.18	1.03	2.23	31.17	0.09	0.13	0.00	0.16	
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
AVERAGE		0.43	1.99	1.35	1.74	0.99	1.48	23.08	0.16	0.08	1.00	0.04	
STD. DEV		0.35	0.41	1.75	1.43	0.71	1.01	11.71	0.35	0.06	1.34	0.00	
%RSD		0.03	0.21	1.30	0.93	0.11	0.70	0.48	1.44	1.16	1.40	0.00	
MIN		0.17	1.43	0.05	0.00	0.00	0.00	14.97	0.05	0.00	0.31	0.12	
MAX		0.04	2.30	3.03	4.15	1.03	2.23	33.34	1.22	0.13	0.00	1.00	
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	

ILP PES

	Diam^2	HEXACHLOR, ng	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng	HALP, ng	2MN, ng	1MN, ng	BEP, ng	BMN, ng
4/20/93-1,1	0.00	0.03	0.01	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00
4/20/93-1,2	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/93-1,1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/93-1,2	0.00	0.31	0.33	0.00	0.00	0.00	0.00	34.43	0.00	0.00	5.06	0.00
AVERAGE		0.07	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.26	0.00
STD. DEV		0.14	0.16	0.00	0.00	0.00	1.14	17.21	0.00	0.00	2.53	0.00
%RSD		1.96	1.96	#DIV/0!	#DIV/0!	#DIV/0!	1.96	1.96	#DIV/0!	#DIV/0!	1.96	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.31	0.33	0.00	0.00	0.00	2.20	34.43	0.00	0.00	5.06	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/93-3,1-A	2.00	0.01	0.01	0.00	0.00	0.00	0.01	4.35	0.00	0.00	0.00	2.57
4/20/93-3,1-B	2.00	0.31	0.03	0.00	0.00	0.00	0.00	2.81	0.00	0.00	4.26	3.78
AVERAGE		0.17	0.02	0.00	0.00	0.00	0.01	3.68	0.00	0.00	2.13	2.81
STD. DEV		0.16	0.02	0.00	0.00	0.00	0.01	1.23	0.00	0.00	3.01	0.89
%RSD		1.39	1.41	#DIV/0!	1.41	#DIV/0!	1.41	0.33	#DIV/0!	#DIV/0!	1.41	0.31
MIN		0.01	0.00	0.00	0.00	0.00	0.00	2.81	0.00	0.00	0.00	2.57
MAX		0.31	0.03	0.00	0.00	0.00	0.01	4.35	0.00	0.00	4.26	3.78
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/93-3,2-A	2.00	0.00	0.01	0.00	0.00	0.00	1.12	8.53	0.00	0.00	4.16	0.00
4/20/93-3,2-B	2.00	.01	0.10	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.00	4.30
AVERAGE		0.00	0.06	0.00	0.00	0.00	0.56	4.97	0.00	0.00	2.08	2.15
STD. DEV		0.00	0.06	0.00	0.00	0.00	0.79	5.00	0.00	0.00	2.91	3.04
%RSD		1.41	0.95	#DIV/0!	#DIV/0!	#DIV/0!	1.41	1.01	#DIV/0!	#DIV/0!	1.41	1.41
MIN		0.00	0.01	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.00	0.00
MAX		0.01	0.10	0.00	0.00	0.00	1.12	8.53	0.00	0.00	4.16	4.30
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.04	0.00	0.01	0.00	0.00	4.38	0.00	0.00	2.10	2.24
STD. DEV		0.01	0.04	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.93	3.70
%RSD		1.76	1.00	#DIV/0!	1.00	#DIV/0!	1.00	0.71	#DIV/0!	#DIV/0!	1.15	0.75
MIN		0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.00	0.00
MAX		0.01	0.10	0.00	0.00	0.00	1.12	8.53	0.00	0.00	4.16	4.30
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/93-1,1-A	1.00	0.29	0.00	0.00	0.00	0.00	0.00	27.66	10.26	1.11	0.47	14.05
4/21/93-1,1-B	1.00	0.12	0.19	0.00	0.00	0.00	0.00	26.38	11.57	0.00	9.30	0.00
AVERAGE		0.20	0.10	0.00	0.00	0.00	0.00	27.11	10.93	0.55	4.65	11.77
STD. DEV		0.08	0.14	0.00	0.00	0.00	0.00	0.77	0.91	0.78	5.89	4.36
%RSD		0.39	1.41	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.03	0.08	1.41	1.26	0.37
MIN		0.00	0.00	0.00	0.00	0.00	0.00	26.38	10.26	0.00	0.47	0.00
MAX		0.13	0.19	0.00	0.00	0.00	0.00	27.66	11.57	1.11	9.30	14.05
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/21/93-3,2-A	2.00	0.01	0.05	0.00	0.00	0.00	0.00	7.89	0.00	0.00	0.00	0.00
4/22/93-3,2-B	2.00	0.21	0.30	0.00	0.00	0.00	0.00	30.34	15.04	0.00	15.05	25.11
AVERAGE		0.11	0.17	0.00	0.00	0.00	0.00	23.07	7.97	0.00	7.73	11.05
STD. DEV		0.14	0.18	0.00	0.00	0.00	0.00	22.00	11.27	0.00	10.93	16.34
%RSD		1.26	1.06	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.04	1.41	#DIV/0!	1.41	1.41
MIN		0.01	0.05	0.00	0.00	0.00	0.00	7.89	0.00	0.00	0.00	0.00
MAX		0.21	0.30	0.00	0.00	0.00	0.00	30.34	15.04	0.00	15.05	25.11
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.11	0.14	0.00	0.00	0.00	0.00	26.16	9.41	0.28	6.07	11.06
STD. DEV		0.08	0.14	0.00	0.00	0.00	0.00	13.00	6.71	0.00	7.38	9.77
%RSD		0.76	1.01	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.01	0.71	2.00	1.21	0.64
MIN		0.01	0.00	0.00	0.00	0.00	0.00	7.89	0.00	0.00	0.00	0.00
MAX		0.21	0.30	0.00	0.00	0.00	0.00	30.34	15.04	1.11	15.05	25.11
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-4,1-A	4.00	0.37	0.78	0.00	0.00	0.00	0.04	65.00	30.34	3.29	11.15	14.89
4/23/93-4,1-B	4.00	0.41	1.07	0.00	0.00	0.00	0.00	65.83	23.82	7.39	13.30	20.03
AVERAGE		0.34	0.93	0.00	0.00	0.00	0.00	65.43	27.08	5.44	11.08	17.76
STD. DEV		0.09	0.21	0.00	0.00	0.00	0.04	0.60	4.84	3.28	0.96	4.04
%RSD		0.37	0.33	#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.01	0.17	0.39	0.05	0.23
MIN		0.27	0.78	0.00	0.00	0.00	0.00	65.00	23.82	3.29	11.15	14.89
MAX		0.41	1.07	0.00	0.00	0.00	0.04	65.83	30.34	7.39	13.30	20.03
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,2-A	4.00	0.13	0.34	0.00	0.00	0.00	0.00	67.47	0.00	16.90	3.38	0.00
4/23/93-4,2-B	4.00	0.35	0.74	0.00	0.00	0.00	0.00	67.03	34.92	16.52	15.05	24.52
AVERAGE		0.27	0.59	0.00	0.00	0.00	0.00	67.26	17.46	16.61	9.19	12.26
STD. DEV		0.08	0.07	0.00	0.00	0.00	0.00	0.31	24.69	0.41	8.26	17.34
%RSD		0.29	0.05	#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.00	1.41	0.03	0.90	1.41
MIN		0.21	0.04	0.00	0.00	0.00	0.00	67.03	0.00	16.52	3.38	0.00
MAX		0.35	0.74	0.00	0.00	0.00	0.00	67.47	34.92	16.90	15.05	24.52
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.24	0.01	0.00	0.00	0.00	0.00	66.24	23.28	11.13	10.91	15.01
STD. DEV		0.04	0.13	0.00	0.00	0.00	0.00	1.11	15.51	9.00	8.04	14.70
%RSD		0.26	0.14	#DIV/0!	#DIV/0!	#DIV/0!	1.00	0.00	0.70	0.49	0.00	0.72
MIN		0.21	0.78	0.00	0.00	0.00	0.00	66.00	0.00	3.29	3.38	0.00
MAX		0.41	1.07	0.00	0.00	0.00	0.00	67.47	34.92	16.90	15.05	24.52
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-5,1-A	5.00	0.78	1.30	0.00	0.00	0.00	0.00	83.26	28.28	9.18	12.78	20.05
4/24/93-5,1-B	5.00	0.46	1.19	0.00	0.00	0.00	0.01	79.30	29.06	14.01	16.82	25.32
AVERAGE		0.62	1.25	0.00	0.00	0.00	0.00	81.28	28.67	11.59	14.80	22.69
STD. DEV		0.23	0.08	0.00	0.00	0.00	0.01	2.80	0.55	3.41	2.84	3.91
%RSD		0.37	0.06	#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.03	0.02	0.29	0.19	0.17
MIN		0.46	1.19	0.00	0.00	0.00	0.00	79.30	28.28	9.18	12.78	20.05
MAX		0.78	1.30	0.00	0.00	0.00	0.01	83.26	29.06	14.01	16.82	25.32
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,2-A	5.00	0.46	1.31	0.00	0.00	0.00	0.16	111.30	30.30	19.91	25.30	36.70
4/24/93-5,2-B	5.00	0.00	1.27	0.00	0.00	0.00	0.07	104.61	37.36	22.23	30.36	40.04
AVERAGE		0.23	1.29	0.00	0.00	0.00	0.11	108.05	33.83	21.07	28.03	38.37
STD. DEV		0.33	0.03	0.00	0.00	0.00	0.06	4.99	4.99	1.44	3.86	2.16
%RSD		0.24	0.20	#DIV/0!	#DIV/0!	#DIV/0!	0.56	0.01	0.00	0.00	0.13	0.24
MIN		0.46	1.31	0.00	0.00	0.00	0.07	104.61	30.30	19.91	25.30	36.70
MAX		0.46	1.27	0.00	0.00	0.00	0.16	111.30	37.36	22.23	30.36	40.04
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.80	1.42	0.00	0.00	0.00	0.06	94.67	41.27	16.73	32.48	38.18
STD. DEV		0.16	0.21	0.00	0.00	0.00	0.07	18.77	14.83	5.89	8.69	4.33
%RSD		0.27	0.22	#DIV/0!	#DIV/0!	#DIV/0!	1.34	0.17	0.36	0.36	0.28	0.20
MIN		0.46	1.19	0.00	0.00	0.00	0.00	79.30	28.28	9.18	12.78	25.32
MAX		0.78	1.37	0.00	0.00	0.00	0.16	111.30	37.36	22.23	30.36	40.04
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	D/cm^2	ACL, ng	ACT, ng	TMN, ng	FLU, ng	PHE, ng	ANT, ng	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng
4/20/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	1.00	3.12	1.27
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.24	0.26	0.00	1.28	2.53	2.15
4/23/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	4.06	4.31	1.36	1.05	2.93	0.63	2.06
4/24/92-0,0	0.00	0.00	0.00	0.00	1.96	15.77	5.41	0.00	50.32	69.21	10.82	36.08	42.90	25.93	35.83
AVERAGE		0.00	0.00	0.00	0.49	3.94	1.83	0.00	14.18	18.44	3.11	9.27	12.06	8.06	10.46
STD. DEV		0.00	0.00	0.00	0.98	7.88	2.38	0.00	24.83	33.90	5.18	17.86	20.48	11.97	16.91
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	2.00	2.00	1.41	#DIV/0!	1.79	1.84	1.66	1.93	1.71	1.49	1.61
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.63	1.27
MAX		0.00	0.00	0.00	1.96	15.77	5.41	0.00	50.32	69.21	10.82	36.08	42.90	25.93	35.83
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.00	0.00	0.00	0.66	1.93	1.35	0.00	14.54	18.07	4.87	12.08	15.99	13.82	15.23
4/20/92-2,1-B	2.00	0.00	0.00	0.00	0.00	5.88	1.49	2.36	15.84	14.91	5.24	9.43	20.20	11.81	18.40
AVERAGE		0.00	0.00	0.00	0.33	3.91	1.42	1.18	15.19	16.49	5.06	10.73	18.09	12.81	16.81
STD. DEV		0.00	0.00	0.00	0.47	2.78	0.10	1.67	0.92	2.23	0.26	1.84	2.98	1.43	2.24
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.71	0.07	1.41	0.06	0.14	0.05	0.17	0.16	0.11	0.13
MIN		0.00	0.00	0.00	0.00	1.93	1.35	0.00	14.54	14.91	4.87	9.43	15.99	11.81	15.23
MAX		0.00	0.00	0.00	0.66	5.88	1.49	2.36	15.84	18.07	5.24	12.08	20.20	13.82	18.40
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,3-A	2.00	0.00	0.00	0.00	2.04	7.18	4.17	2.21	20.40	23.01	8.85	15.46	13.30	10.07	16.62
4/20/92-2,3-B	2.00	0.00	0.00	0.00	2.47	5.43	1.88	1.56	19.50	22.43	6.97	16.17	47.17	24.15	45.06
AVERAGE		0.00	0.00	0.00	2.26	6.31	2.93	1.88	20.00	22.72	7.91	15.81	30.24	17.06	30.84
STD. DEV		0.00	0.00	0.00	0.30	1.24	1.73	0.46	0.70	0.41	1.33	0.51	23.96	9.32	20.13
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.13	0.20	0.60	0.24	0.04	0.02	0.17	0.03	0.79	0.53	0.64
MIN		0.00	0.00	0.00	2.04	5.43	1.88	1.56	19.50	22.43	6.97	15.46	13.30	10.07	16.62
MAX		0.00	0.00	0.00	2.47	7.18	4.17	2.21	20.40	23.01	8.85	16.17	47.17	24.15	45.06
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	1.29	5.11	2.17	1.53	17.59	19.61	6.48	13.27	24.16	15.19	23.83
STD. DEV		0.00	0.00	0.00	1.16	2.24	1.34	1.08	2.86	3.83	1.53	3.14	15.60	6.10	14.21
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.90	0.44	0.62	0.70	0.16	0.20	0.25	0.24	0.65	0.40	0.60
MIN		0.00	0.00	0.00	0.00	1.93	1.35	0.00	14.54	14.91	4.87	9.43	13.30	10.07	15.23
MAX		0.00	0.00	0.00	2.47	7.18	4.17	2.36	20.40	23.01	8.85	16.17	47.17	24.15	45.06
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	0.00	0.00	0.00	4.50	18.47	8.07	3.64	62.60	81.26	25.00	69.19	39.08	34.30	39.56
4/22/92-3,1-B	3.00	0.00	0.00	0.00	0.00	13.96	6.14	2.04	32.30	38.10	13.67	20.68	17.40	25.30	27.87
AVERAGE		0.00	0.00	0.00	2.25	16.08	7.10	2.84	47.45	59.68	19.34	44.93	28.24	29.80	33.71
STD. DEV		0.00	0.00	0.00	3.18	3.19	1.37	1.13	21.43	30.52	8.01	34.30	15.33	6.36	8.26
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.20	0.19	0.40	0.45	0.51	0.41	0.76	0.54	0.21	0.25
MIN		0.00	0.00	0.00	0.00	13.96	6.14	2.04	32.30	38.10	13.67	20.68	17.40	25.30	27.87
MAX		0.00	0.00	0.00	4.50	18.47	8.07	3.64	62.60	81.26	25.00	69.19	39.08	34.30	39.56
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.00	0.00	0.00	7.46	0.00	0.00	166.83	113.72	0.00	0.00	84.42	0.00	138.39
4/22/92-3,2-B	3.00	0.00	0.00	0.00	0.00	0.08	4.88	0.00	67.88	81.26	9.90	11.24	50.02	43.08	18.40
AVERAGE		0.00	0.00	0.00	0.00	3.83	2.44	0.00	117.35	97.49	4.95	5.62	67.22	21.54	78.40
STD. DEV		0.00	0.00	0.00	0.00	5.43	3.45	0.00	69.96	22.96	7.00	7.95	24.47	30.46	84.84
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.41	1.41	#DIV/0!	0.60	0.24	1.41	1.41	0.36	1.41	1.11
MIN		0.00	0.00	0.00	0.00	0.08	0.00	0.00	67.88	81.26	0.00	0.00	50.02	0.00	18.40
MAX		0.00	0.00	0.00	0.00	7.46	4.88	0.00	166.83	113.72	9.90	11.24	84.42	43.08	138.39
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	1.13	9.96	4.77	1.42	82.40	78.59	12.14	25.28	47.73	25.71	56.05
STD. DEV		0.00	0.00	0.00	2.25	7.86	3.44	1.77	58.42	31.08	10.30	37.09	37.39	18.62	63.90
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	2.00	0.79	0.72	1.24	0.71	0.40	0.85	1.16	0.59	0.72	1.06
MIN		0.00	0.00	0.00	0.00	0.08	0.00	0.00	32.30	38.10	0.00	0.00	17.40	0.00	18.40
MAX		0.00	0.00	0.00	4.50	18.47	8.07	3.64	166.83	113.72	25.00	69.19	84.42	43.08	138.39
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	1.21	0.00	0.00	7.17	40.80	15.22	15.52	108.16	90.41	30.37	38.47	65.84	74.57	65.33
4/23/92-4,1-B	4.00	0.00	0.00	0.00	5.73	35.80	13.40	7.85	100.47	95.96	39.06	55.22	66.49	62.13	58.36
AVERAGE		0.61	0.00	0.00	6.45	37.80	14.46	11.68	104.31	93.17	34.71	46.84	66.16	68.35	61.84
STD. DEV		0.86	0.00	0.00	1.02	3.07	1.08	5.42	5.44	3.90	6.13	12.44	3.30	10.31	4.91
% RSD		1.41	#DIV/0!	#DIV/0!	0.16	0.08	0.08	0.46	0.05	0.04	0.18	0.26	0.05	0.15	0.08
MIN		0.00	0.00	0.00	5.73	35.80	13.40	7.85	100.47	90.41	30.37	38.47	65.84	62.13	58.36
MAX		1.21	0.00	0.00	7.17	40.80	15.22	15.52	108.16	95.96	39.06	55.22	66.49	74.57	65.33
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.00	0.00	0.00	11.78	39.72	0.00	0.00	100.43	114.81	43.67	79.17	97.48	60.84	54.71
4/23/92-4,2-B	4.00	0.00	0.00	0.00	13.30	46.39	17.07	7.16	114.00	105.73	30.47	34.86	83.78	68.95	80.54
AVERAGE		0.00	0.00	0.00	12.54	43.06	8.54	3.58	107.22	110.27	37.07	57.02	90.63	64.90	67.62
STD. DEV		0.00	0.00	0.00	0.57	4.73	12.07	5.06	9.60	6.43	2.97	17.19	9.69	5.72	18.26
% RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.05	0.11	1.41	1.41	0.09	0.06	0.07	0.36	0.11	0.09	0.27
MIN		0.00	0.00	0.00	11.78	39.72	0.00	0.00	100.43	105.73	30.47	34.86	83.78	60.84	54.71
MAX		0.00	0.00	0.00	13.30	46.39	17.07	7.16	114.00	114.81	43.67	79.17	97.48	68.95	80.54
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.30	0.00	0.00	9.34	40.43	11.50	7.63	105.77	101.77	35.54	56.96	70.40	67.11	64.74
STD. DEV		0.61	0.00	0.00	3.30	4.36	7.90	6.34	6.80	10.70	5.86	11.89	15.31	7.23	11.42
% RSD		2.00	#DIV/0!	#DIV/0!	0.36	0.11	0.68	0.83	0.06	0.11	0.15	0.19	0.20	0.11	0.18
MIN		0.00	0.00	0.00	5.73	35.80	0.00	0.00	100.43	90.41	30.37	34.86	65.84	60.84	54.71
MAX		1.21	0.00	0.00	13.30	46.39	17.07	15.52	114.00	114.81	43.67	79.17	97.48	74.57	80.54
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	4.71	0.00	0.00	15.95	58.58	38.12	17.76	136.08	178.24	61.64	108.78	168.25	102.19	154.40
4/24/92-5,1-B	5.00	0.00	0.00	0.00	12.12	53.08	18.61	8.30	183.46	187.46	56.17	88.48	92.58	104.96	108.19
AVERAGE		2.36	0.00	0.00	14.04	55.83	23.37	13.08	159.74	182.85	58.91	96.23	130.80	103.57	130.80
STD. DEV		3.33	0.00	0.00	2.70	0.38	6.72	6.60	19.40	6.51	3.73	10.08	51.42	1.87	30.72
% RSD		1.41	#DIV/0!	#DIV/0!	0.19	0.01	0.29	0.51	0.11	0.04	0.06	0.11	0.40	0.02	0.28
MIN		0.00	0.00	0.00	12.12	53.08	18.61	8.30	136.08	178.24	56.17	88.48	92.58	102.19	108.19
MAX		4.71	0.00	0.00	15.95	58.58	38.12	17.76	183.46	187.46	61.64	108.78	168.25	104.96	154.40
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	2.60	0.00	0.00	14.20	67.51	24.77	10.59	205.44	194.87	59.91	99.30	101.68	93.73	122.51
4/24/92-5,2-B	5.00	2.98	0.00	0.00	12.46	63.55	26.88	10.82	218.40	210.80	75.80	109.01	260.35	305.85	123.51
AVERAGE		2.79	0.00	0.00	13.33	65.53	25.83	10.71	211.92	202.73	67.85	104.16	181.02	199.79	123.01
STD. DEV		0.27	0.00	0.00	1.39	2.80	1.49	0.16	9.32	11.40	11.29	7.37	112.39	149.95	0.71
% RSD		0.10	#DIV/0!	#DIV/0!	0.10	0.05	0.06	0.02	0.04	0.06	0.17	0.07	0.62	0.75	0.01
MIN		2.60	0.00	0.00	12.46	63.55	24.77	10.59	205.44	194.87	59.91	99.30	101.68	93.73	122.51
MAX		2.98	0.00	0.00	14.20	67.51	26.88	10.82	218.40	210.80	75.80	109.01	260.35	305.85	123.51
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		2.57	0.00	0.00	13.71	60.67	24.60	11.87	190.83	192.79	63.38	100.41	154.96	151.68	126.90
STD. DEV		1.96	0.00	0.00	1.77	4.86	4.32	4.00	37.18	13.76	8.64	9.92	77.38	100.06	21.17
% RSD		0.76	#DIV/0!	#DIV/0!	0.13	0.07	0.17	0.34	0.14	0.07	0.14	0.09	0.50	0.67	0.17
MIN		0.00	0.00	0.00	12.12	53.08	18.61	8.30	136.08	178.24	56.17	88.48	92.58	93.73	108.19
MAX		4.71	0.00	0.00	15.95	67.51	38.12	17.76	218.40	210.80	75.80	109.01	260.35	305.85	154.40
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PBS

	Dmm^2	BAP, ng	PEH, ng	INP, ng	DBA, ng	BPE, ng	Σ PAHs, ng	CB008, ng/L	CB018, ng/l	CB028, ng/l	CB052, ng/l	CB101, ng/l
4/20/93-0,0	0.00	1.84	0.00	0.00	0.00	0.00	7.43	0.00	0.00	4.16	0.00	0.00
4/22/93-0,0	0.00	2.41	0.55	0.00	0.00	0.00	10.65	0.00	1.18	0.00	0.00	0.00
4/23/93-0,0	0.83	0.00	2.47	0.00	0.00	0.00	20.81	3.14	1.20	1.14	0.94	1.41
4/24/93-0,0	0.00	14.88	14.38	0.00	0.00	5.17	377.31	0.00	0.00	0.00	0.00	0.00
AVERAGE		4.71	4.35	0.00	0.00	1.29	104.05	0.79	0.65	1.33	0.24	0.35
STD. DEV		6.76	6.77	0.00	0.00	2.59	188.26	1.57	0.71	1.97	0.47	0.70
%RSD		1.43	1.56	#DIV/0!	#DIV/0!	2.00	1.75	2.00	1.16	1.48	2.00	2.00
MIN		0.00	0.00	0.00	0.00	0.00	7.43	0.00	0.00	0.00	0.00	0.00
MAX		14.88	14.38	0.00	0.00	5.17	377.31	3.14	1.20	4.16	0.94	1.41
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/93-2,1-A	2.00	7.78	2.95	4.48	0.00	10.96	131.61	0.00	0.00	0.00	0.22	0.02
4/20/93-2,1-B	2.00	13.81	3.73	6.98	0.00	4.01	143.92	0.14	0.30	0.98	0.16	0.57
AVERAGE		10.79	3.34	5.73	0.00	7.48	137.76	0.07	0.15	0.53	0.19	0.30
STD. DEV		4.27	0.55	1.76	0.00	4.91	8.79	0.10	0.21	0.66	0.04	0.39
%RSD		0.40	0.17	0.31	#DIV/0!	0.66	0.06	1.41	1.41	1.26	0.20	1.33
MIN		7.78	2.95	4.48	0.00	4.01	131.61	0.00	0.00	0.00	0.16	0.02
MAX		13.81	3.73	6.98	0.00	10.96	143.92	0.14	0.30	0.98	0.22	0.57
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/93-2,2-A	2.00	16.35	3.95	2.00	0.00	13.26	182.46	0.05	0.05	0.05	0.00	0.10
4/20/93-2,2-B	2.00	7.30	11.64	6.54	0.00	9.88	233.87	0.00	0.00	0.00	0.00	0.11
AVERAGE		11.98	8.53	8.17	0.00	11.41	208.16	0.03	0.03	0.03	0.00	0.11
STD. DEV		6.36	4.80	2.31	0.00	2.4-	36.36	0.04	0.03	0.03	0.00	0.00
%RSD		0.53	0.46	0.28	#DIV/0!	0.21	0.17	1.41	1.41	1.41	#DIV/0!	0.04
MIN		7.30	5.99	6.54	0.00	9.05	182.46	0.00	0.00	0.00	0.00	0.10
MAX		16.35	11.64	9.80	0.00	13.26	233.87	0.05	0.05	0.05	0.00	0.11
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		11.36	6.88	6.95	0.00	9.88	172.96	0.05	0.05	0.27	0.10	0.10
STD. DEV		4.42	3.83	2.19	0.00	3.97	44.88	0.07	0.15	0.46	0.11	0.15
%RSD		0.39	0.56	0.31	#DIV/0!	0.40	0.27	1.38	1.76	1.69	1.10	1.38
MIN		7.30	3.95	4.48	0.00	4.01	131.61	0.00	0.00	0.00	0.00	0.02
MAX		16.35	11.64	9.80	0.00	13.26	233.87	0.14	0.30	0.98	0.22	0.57
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/93-3,1-A	3.00	16.52	5.53	27.36	0.00	27.35	338.17	0.00	0.00	0.00	0.00	0.18
4/22/93-3,1-B	3.00	25.30	13.25	3.74	0.00	10.15	305.30	0.01	0.01	0.00	0.00	0.10
AVERAGE		20.86	9.39	15.55	0.00	18.75	417.23	0.00	0.01	0.00	0.00	0.14
STD. DEV		7.03	5.38	16.84	0.00	12.30	156.00	0.01	0.01	0.00	0.00	0.06
%RSD		0.33	0.60	1.08	#DIV/0!	0.65	0.38	1.41	1.38	#DIV/0!	#DIV/0!	0.39
MIN		25.30	5.38	3.74	0.00	10.15	305.30	0.00	0.00	0.00	0.00	0.10
MAX		16.52	13.25	27.36	0.00	27.35	530.17	0.01	0.01	0.00	0.00	0.18
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/93-3,2-A	3.00	0.00	0.00	0.00	0.00	0.00	536.02	0.72	0.01	0.00	0.00	0.28
4/22/93-3,2-B	3.00	21.36	115.08	0.00	0.00	0.00	517.44	0.00	0.00	0.00	0.00	0.13
AVERAGE		10.68	57.59	0.00	0.00	0.00	526.73	0.36	0.01	0.00	0.00	0.21
STD. DEV		15.15	81.51	0.00	0.00	0.00	13.14	0.51	0.01	0.00	0.00	0.08
%RSD		1.41	1.41	#DIV/0!	#DIV/0!	#DIV/0!	0.02	1.41	0.00	#DIV/0!	#DIV/0!	0.36
MIN		0.00	0.00	0.00	0.00	0.00	517.44	0.00	0.01	0.00	0.00	0.16
MAX		21.36	115.08	0.00	0.00	0.00	536.02	0.72	0.01	0.00	0.00	0.28
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		20.77	33.04	7.87	0.00	9.40	472.31	0.16	0.00	0.00	0.00	0.18
STD. DEV		14.69	88.16	13.38	0.00	13.29	111.48	0.26	0.00	0.00	0.00	0.07
%RSD		0.72	1.64	1.70	#DIV/0!	1.36	0.24	1.57	1.39	#DIV/0!	#DIV/0!	0.40
MIN		0.00	0.00	0.00	0.00	0.00	305.30	0.00	0.00	0.00	0.00	0.10
MAX		21.36	115.08	27.36	0.00	27.35	536.02	0.72	0.01	0.00	0.00	0.28
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-4,1-A	4.00	68.20	53.90	24.96	0.00	56.65	952.21	0.01	0.01	0.00	0.00	0.14
4/23/93-4,1-B	4.00	50.13	27.15	49.91	1.20	58.91	870.52	0.01	0.00	0.00	0.00	0.23
AVERAGE		62.01	38.57	37.43	0.56	57.79	911.37	0.01	0.01	0.00	0.00	0.19
STD. DEV		8.82	4.84	17.64	1.31	1.88	12.94	0.00	0.01	0.00	0.00	0.07
%RSD		0.88	0.16	0.47	1.77	0.00	0.01	0.31	0.57	#DIV/0!	#DIV/0!	0.37
MIN		50.13	27.15	24.96	0.00	56.07	870.52	0.01	0.01	0.00	0.00	0.14
MAX		68.20	53.90	49.91	1.20	58.91	970.52	0.01	0.01	0.00	0.00	0.23
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,2-A	4.00	70.07	19.83	51.83	0.00	48.68	960.45	0.01	0.01	0.00	0.00	0.15
4/23/93-4,2-B	4.00	65.90	41.40	28.35	2.44	40.08	990.32	0.00	0.02	0.00	0.00	0.24
AVERAGE		67.98	30.62	40.09	1.22	44.38	975.39	0.00	0.02	0.00	0.00	0.19
STD. DEV		4.30	15.30	15.39	1.73	5.84	95.83	0.01	0.01	0.00	0.00	0.06
%RSD		0.06	0.50	0.38	1.41	0.13	0.10	0.40	0.11	#DIV/0!	1.41	0.30
MIN		65.90	19.83	28.35	0.00	40.08	960.45	0.00	0.01	0.00	0.00	0.15
MAX		70.07	41.40	51.83	2.44	48.68	990.32	0.01	0.02	0.00	0.00	0.24
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		66.98	30.62	40.09	1.22	44.38	975.39	0.00	0.02	0.00	0.00	0.19
STD. DEV		4.87	9.37	13.66	1.36	5.61	66.46	0.01	0.01	0.00	0.00	0.06
%RSD		0.77	0.30	0.34	1.14	0.13	0.07	0.71	0.33	#DIV/0!	2.00	0.30
MIN		50.13	19.83	24.96	0.00	40.08	860.21	0.01	0.01	0.00	0.00	0.14
MAX		70.07	41.40	51.83	2.44	58.91	990.32	0.01	0.02	0.00	0.00	0.24
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-5,1-A	5.00	135.06	37.11	108.31	0.00	116.06	1,648.19	0.36	0.71	0.02	0.01	1.06
4/24/93-5,1-B	5.00	108.10	38.92	84.55	16.83	94.01	1,421.87	0.01	0.01	0.00	0.00	0.16
AVERAGE		121.58	38.02	96.43	11.91	105.03	1,534.03	0.18	0.36	0.71	0.01	0.61
STD. DEV		20.05	20.07	17.25	7.59	15.05	160.10	0.25	0.49	0.01	0.01	0.64
%RSD		0.17	0.30	0.18	0.64	0.14	0.10	1.36	1.37	1.41	1.41	1.06
MIN		108.10	19.83	84.55	0.00	94.01	1,421.87	0.01	0.01	0.00	0.00	0.16
MAX		135.06	57.11	108.31	16.83	116.06	1,648.19	0.36	0.71	0.02	0.01	1.06
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,2-A	5.00	116.42	56.71	104.66	0.00	122.78	1,634.73	0.00	0.01	0.00	0.00	0.12
4/24/93-5,2-B	5.00	139.47	0.00	0.00	232.60	211.40	2,339.85	0.00	0.00	0.00	0.00	0.17
AVERAGE		127.95	28.35	52.33	116.30	167.09	1,987.29	0.00	0.01	0.00	0.00	0.14
STD. DEV		16.34	40.13	74.00	164.40	62.66	462.68	0.00	0.00	0.00	0.00	0.04
%RSD		0.13	1.41	1.41	1.41	0.38	0.23	0.00	0.35	#DIV/0!	#DIV/0!	0.27
MIN		116.42	0.00	0.00	0.00	122.78	1,634.73	0.00	0.00	0.00	0.00	0.12
MAX		139.47	56.71	104.66	232.60	211.40	2,339.85	0.00	0.01	0.00	0.00	0.17
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		126.72	46.47	74.96	64.86	135.36	1,744.96	0.18	0.19	0.18	0.15	0.38
STD. DEV		15.39	20.84	51.17	114.04	51.49	360.23	0.18	0.36	0.71	0.21	0.46
%RSD		0.12	0.73	0.68	1.76	0.38	0.21	1.00	1.87	2.00	1.00	1.21
MIN		108.10	0.00	0.00	0.00	94.01	1,421.87	0.00	0.00	0.00	0.00	0.12
MAX		139.47	57.11	108.31	232.60	211.40	2,339.85	0.36	0.71	0.02	0.01	1.06
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Mass^2	CB052, ng/l	CB101, ng/l	CB044, ng/l	CB066, ng/l	CB105, ng/l	CB087, ng/l	CB077, ng/l	CB154, ng/l	CB118, ng/l	CB138, ng/l
4/23/93-4,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-4,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.39	0.00	0.00
4/23/93-4,0	0.00	0.00	0.00	1.33	0.38	0.15	0.00	0.00	0.11	1.13	0.00
4/24/93-4,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	1.74	0.00	0.00	0.00	1.97	0.00	0.00	0.00
%RSD		1.17	#DIV/0!	2.00	2.00	2.00	#DIV/0!	1.36	1.36	2.00	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	2.00	0.00	0.00	0.00	1.36	0.00	1.13	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-2,1-A	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-2,1-B	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		1.00	#DIV/0!	1.00	1.00	2.00	#DIV/0!	1.36	1.36	2.00	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-3,1-A	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-3,1-B	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	#DIV/0!	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-1,1-A	1.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-1,1-B	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-1,1-A	1.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-1,1-B	1.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,1-A	4.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-4,1-B	4.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,1-A	4.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/93-4,1-B	4.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-3,1-A	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/93-3,1-B	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-3,2-A	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/93-3,2-B	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Mass^2	CB153, ng/l	CB105, ng/l	CB138, ng/l	CB156, ng/l	CB157, ng/l	CB128, ng/l	CB166, ng/l	CB189, ng/l	CB170, ng/l	CB195, ng/l
4/20/... 1,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00
4/20/9..._1,0	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.99	0.00	0.00	0.00
4/20/92-1,0	0.00	0.00	0.00	1.10	0.00	0.00	0.72	0.48	0.00	0.00	0.00
4/20/92-1,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/92-2,1-B	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,2-A	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/92-2,2-B	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-3,1-A	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/92-3,1-B	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-3,2-A	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/20/92-3,2-B	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-1,1-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-1,1-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-1,2-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-1,2-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-2,1-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-2,1-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-2,2-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-2,2-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-3,1-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-3,1-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/21/92-3,2-A	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/21/92-3,2-B	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-1,1-A	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-1,1-B	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-1,2-A	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-1,2-B	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-2,1-A	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-2,1-B	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-2,2-A	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-2,2-B	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
%RSD		0.00	0.00	0.00	#DIV/0!	0.00	0.00	0.00	0.00	#DIV/0!	0.00
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Dur. m^3	CHLOR, ng/l	CB209, ng/l	CB mm, ng/l	HCB, ng/l	HEPT, ng/l	ALDRIN, ng/l	OPT/DE, ng/l	DIELDRIN, ng/l	PP'DDE, ng/l
4/20/92-0,0	0.00	0.00	2.83	7.43	0.20	0.00	424.76	12.46	6.25	2.33
4/22/92-0,0	0.00	0.00	0.00	6.64	0.00	0.00	40.21	0.00	2.41	0.00
4/23/92-0,0	0.00	0.00	0.00	17.40	0.00	0.00	14.37	1.33	0.00	0.00
4/24/92-0,0	0.00	0.00	0.00	0.00	3.57	21.44	0.00	12.42	9.28	9.93
AVERAGE		0.00	0.71	7.87	0.94	5.36	122.99	6.60	4.48	3.06
STD. DEV		0.00	1.41	7.18	1.76	10.72	202.84	6.08	4.10	4.71
%RSD		#DIV/0!	2.00	0.91	1.66	2.00	1.66	1.04	0.92	1.54
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	2.83	17.40	3.57	21.44	424.76	12.46	9.28	9.93
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.00	0.22	3.10	0.00	0.00	0.00	0.13	0.05	0.06
4/20/92-2,1-B	2.00	0.00	0.15	6.01	0.20	0.50	0.00	0.40	0.02	0.00
AVERAGE		0.00	0.19	4.55	0.10	0.25	0.00	0.27	0.03	0.03
STD. DEV		0.00	0.05	2.05	0.14	0.35	0.00	0.19	0.00	0.05
%RSD		#DIV/0!	0.26	0.45	1.41	1.41	#DIV/0!	0.71	1.31	1.41
MIN		0.00	0.15	3.10	0.00	0.00	0.00	0.13	0.05	0.00
MAX		0.00	0.22	6.01	0.20	0.50	0.00	0.40	0.02	0.06
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.07	0.48	6.93	0.05	0.03	2.63	0.34	0.00	0.03
4/20/92-2,2-B	2.00	0.00	0.30	4.01	0.00	0.01	0.62	0.10	0.01	0.18
AVERAGE		0.03	0.40	5.48	0.01	0.02	1.63	0.22	0.01	0.11
STD. DEV		0.05	0.02	2.08	0.03	0.01	1.43	0.17	0.01	0.10
%RSD		1.41	0.04	0.38	1.41	0.76	0.87	0.77	1.41	0.88
MIN		0.00	0.48	4.01	0.00	0.01	0.62	0.10	0.00	0.04
MAX		0.07	0.50	6.96	0.05	0.03	2.63	0.34	0.01	0.18
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.03	0.34	5.02	0.06	0.13	0.81	0.34	0.17	0.07
STD. DEV		0.03	0.16	1.77	0.10	0.24	1.26	0.15	0.30	0.06
%RSD		2.00	0.53	0.36	1.69	1.81	1.53	0.63	1.78	1.00
MIN		0.00	0.15	3.10	0.00	0.00	0.00	0.10	0.00	0.00
MAX		0.07	0.50	6.96	0.20	0.50	2.63	0.44	0.71	0.15
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	0.05	0.28	4.31	0.00	0.03	0.21	0.20	0.07	0.00
4/22/92-3,1-B	3.00	0.12	0.56	4.97	0.01	0.02	0.43	0.22	0.10	0.14
AVERAGE		0.08	0.42	4.64	0.01	0.03	0.32	0.21	0.08	0.07
STD. DEV		0.05	0.20	0.47	0.01	0.00	0.16	0.02	0.01	0.10
%RSD		0.59	0.47	0.10	1.34	0.13	0.49	0.07	0.13	1.41
MIN		0.05	0.28	4.31	0.00	0.02	0.21	0.20	0.07	0.00
MAX		0.12	0.56	4.97	0.01	0.03	0.43	0.22	0.10	0.14
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.27	4.78	0.24	0.03	0.28	0.17	0.02	0.07
4/22/92-3,2-B	3.00	0.06	0.56	7.04	0.01	0.03	0.42	0.00	0.14	0.20
AVERAGE		0.03	0.39	5.91	0.13	0.03	0.35	0.08	0.08	0.14
STD. DEV		0.04	0.20	1.59	0.16	0.00	0.10	0.12	0.09	0.09
%RSD		1.41	0.53	0.27	1.33	0.05	0.33	1.41	1.09	0.05
MIN		0.00	0.28	4.78	0.01	0.03	0.28	0.00	0.02	0.07
MAX		0.06	0.56	7.04	0.24	0.03	0.42	0.17	0.14	0.20
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.20	0.40	5.27	0.06	0.03	0.28	0.15	0.08	0.10
STD. DEV		0.20	0.15	1.21	0.12	0.00	0.10	0.10	0.05	0.00
%RSD		1.00	0.46	0.23	1.89	0.05	0.47	0.66	0.64	0.04
MIN		0.00	0.28	4.31	0.00	0.02	0.21	0.00	0.02	0.06
MAX		0.06	0.56	7.04	0.24	0.03	0.42	0.22	0.14	0.20
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.22	0.32	4.33	0.01	0.02	0.00	0.18	0.09	0.26
4/23/92-4,1-B	4.00	0.27	0.38	5.60	0.01	0.05	0.14	0.08	0.13	0.35
AVERAGE		0.24	0.35	4.99	0.01	0.03	0.07	0.11	0.11	0.30
STD. DEV		0.03	0.04	0.86	0.00	0.00	0.10	0.11	0.03	0.07
%RSD		0.14	0.11	0.17	0.02	0.00	1.41	1.04	0.27	0.23
MIN		0.22	0.32	4.33	0.01	0.02	0.00	0.03	0.09	0.26
MAX		0.27	0.38	5.60	0.01	0.05	0.14	0.18	0.13	0.35
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.21	0.35	4.13	0.01	0.02	0.05	0.02	0.07	0.26
4/23/92-4,2-B	4.00	0.23	0.35	5.39	0.01	0.02	0.07	0.21	0.10	0.30
AVERAGE		0.22	0.35	4.76	0.01	0.02	0.06	0.11	0.08	0.27
STD. DEV		0.02	0.00	0.89	0.00	0.00	0.01	0.14	0.02	0.02
%RSD		0.07	0.01	0.19	0.01	0.06	0.23	1.22	0.28	0.07
MIN		0.21	0.35	4.13	0.01	0.02	0.05	0.02	0.07	0.26
MAX		0.23	0.35	5.39	0.01	0.02	0.07	0.21	0.10	0.30
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.23	0.38	4.87	0.01	0.02	0.04	0.11	0.10	0.29
STD. DEV		0.02	0.05	0.73	0.00	0.00	0.05	0.10	0.03	0.04
%RSD		0.11	0.05	0.15	0.00	0.07	0.93	0.93	0.28	0.15
MIN		0.21	0.35	4.13	0.01	0.02	0.00	0.02	0.07	0.26
MAX		0.27	0.38	5.60	0.01	0.05	0.14	0.21	0.13	0.35
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.00	0.00	10.00	0.20	0.00	1.31	0.21	0.15	0.25
4/24/92-5,1-B	5.00	0.20	0.29	4.19	0.01	0.02	0.06	0.16	0.09	0.23
AVERAGE		0.10	0.15	7.14	0.12	0.01	0.68	0.19	0.12	0.24
STD. DEV		0.14	0.21	4.17	0.16	0.01	0.88	0.03	0.04	0.01
%RSD		1.41	1.41	0.58	1.31	1.41	1.30	0.16	0.36	0.06
MIN		0.00	0.00	4.19	0.01	0.00	0.06	0.16	0.09	0.23
MAX		0.20	0.29	10.00	0.23	0.02	1.31	0.21	0.15	0.25
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	0.25	0.36	4.25	0.01	0.02	0.05	0.02	0.07	0.20
4/24/92-5,2-B	5.00	0.20	0.29	[illegible]	0.01	0.00	0.09	0.02	0.10	0.28
AVERAGE		0.23	0.32	[illegible]	0.01	0.01	0.07	0.02	0.08	0.24
STD. DEV		0.04	0.05	[illegible]	0.00	0.01	0.03	0.00	0.02	0.06
%RSD		0.16	0.00	[illegible]	0.28	1.41	0.40	0.28	0.22	0.23
MIN		0.20	0.29	[illegible]	0.01	0.00	0.06	0.02	0.07	0.20
MAX		0.25	0.36	[illegible]	0.01	0.02	0.09	0.02	0.10	0.28
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.16	0.24	5.09	0.07	0.01	0.26	0.19	0.10	0.24
STD. DEV		0.11	0.16	2.87	0.11	0.01	0.03	0.10	0.03	0.05
%RSD		0.66	0.67	0.49	1.49	1.16	1.45	0.93	0.33	0.14
MIN		0.00	0.00	4.19	0.01	0.00	0.06	0.02	0.07	0.20
MAX		0.25	0.36	10.00	0.23	0.02	1.31	0.21	0.15	0.28
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP FES

	Dism^2	OP'DDD, ug/l	PP'DDD, ug/l	OP'DDT, ug/l	MIREX, ug/l	NAP, ug/l	2MN, ug/l	1MN, ug/l	BIP, ug/l	DMN, ug/l	ACL, ug/l	ACT, ug/l
4/20/92-0,0	0.00	0.00	0.00	0.00	572.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/23/92-0,0	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/24/92-0,0	0.00	0.00	0.00	0.00	0.00	344.27	0.00	0.00	50.35	0.00	0.00	0.00
AVERAGE		0.00	0.00	0.00	143.41	86.07	0.00	0.00	12.59	0.00	0.00	0.00
STD. DEV		0.00	0.00	0.00	286.18	172.14	0.00	0.00	25.17	0.00	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	2.00	2.00	#DIV/0!	#DIV/0!	2.00	#DIV/0!	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	572.67	344.27	0.00	0.00	50.35	0.00	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.00	0.00	0.00	0.05	90.98	0.00	0.00	0.00	47.49	0.00	0.00
4/20/92-2,1-B	2.00	0.00	0.11	0.00	0.00	56.17	0.00	0.00	84.98	55.57	0.00	0.00
AVERAGE		0.00	0.06	0.00	0.02	73.58	0.00	0.00	42.49	51.53	0.00	0.00
STD. DEV		0.00	0.08	0.00	0.03	24.62	0.00	0.00	60.09	5.71	0.00	0.00
%RSD		#DIV/0!	1.41	#DIV/0!	1.41	0.33	#DIV/0!	#DIV/0!	1.41	0.11	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	56.17	0.00	0.00	0.00	47.49	0.00	0.00
MAX		0.00	0.11	0.00	0.05	90.98	0.00	0.00	84.98	55.57	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.00	0.00	0.00	2.09	170.58	0.00	0.00	83.16	0.00	0.00	0.00
4/20/92-2,2-B	2.00	0.00	0.00	0.00	0.00	28.25	0.00	0.00	0.00	86.02	0.00	0.00
AVERAGE		0.00	0.00	0.00	1.04	99.42	0.00	0.00	41.58	43.01	0.00	0.00
STD. DEV		0.00	0.00	0.00	1.48	100.64	0.00	0.00	58.80	60.83	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	1.01	#DIV/0!	#DIV/0!	1.41	1.41	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	28.25	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	2.09	170.58	0.00	0.00	83.16	86.02	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.03	0.00	0.53	86.50	0.00	0.00	42.03	47.27	0.00	0.00
STD. DEV		0.00	0.06	0.00	1.04	61.65	0.00	0.00	48.54	35.61	0.00	0.00
%RSD		#DIV/0!	2.00	#DIV/0!	1.96	0.71	#DIV/0!	#DIV/0!	1.15	0.75	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	28.25	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.11	0.00	2.09	170.58	0.00	0.00	84.98	86.02	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	0.00	0.00	0.00	0.00	531.99	197.80	21.32	9.10	285.66	0.00	0.00
4/22/92-3,1-B	3.00	0.00	0.00	0.00	0.00	531.60	231.34	0.00	167.70	173.71	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	531.80	214.57	10.66	88.40	229.68	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	0.27	23.72	15.07	112.15	79.16	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00	0.11	1.41	1.27	0.34	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	531.60	197.80	0.00	9.10	173.71	0.00	0.00
MAX		0.00	0.00	0.00	0.00	531.99	231.34	21.32	167.70	285.66	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.00	0.00	0.00	156.05	0.00	0.00	0.00	0.00	0.00	0.00
4/22/92-3,2-B	3.00	0.00	0.00	0.00	0.00	751.86	312.60	0.00	302.64	453.12	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	453.96	156.30	0.00	151.32	226.56	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	421.30	221.04	0.00	214.00	320.41	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.93	1.41	#DIV/0!	1.41	1.41	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	156.05	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	751.86	312.60	0.00	302.64	453.12	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.00	492.88	185.44	5.33	119.86	228.12	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	247.36	132.40	10.66	144.34	190.56	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.50	0.72	2.00	1.20	0.84	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	156.05	0.00	0.00	0.00	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	751.86	312.60	21.32	302.64	453.12	0.00	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.00	0.00	0.00	0.02	1,300.02	604.87	65.25	222.96	297.72	24.21	0.00
4/23/92-4,1-B	4.00	0.00	0.00	0.00	0.00	1,317.05	476.46	159.80	250.04	412.49	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.01	1,308.53	540.66	112.53	236.50	355.10	12.11	0.00
STD. DEV		0.00	0.00	0.00	0.01	12.04	90.80	66.86	19.15	81.15	17.12	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.01	0.17	0.59	0.08	0.23	1.41	#DIV/0!
MIN		0.00	0.00	0.00	0.00	1,300.02	476.46	65.25	222.96	297.72	0.00	0.00
MAX		0.00	0.00	0.00	0.02	1,317.05	604.87	159.80	250.04	412.49	24.21	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.00	0.00	0.00	0.00	1,349.34	0.00	338.06	66.99	0.00	0.00	0.00
4/23/92-4,2-B	4.00	0.00	0.00	0.00	0.00	1,340.61	698.44	326.40	300.60	490.40	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	1,344.98	349.22	332.23	183.79	245.20	0.00	0.00
STD. DEV		0.00	0.00	0.00	0.00	6.17	493.87	8.24	165.19	346.76	0.00	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.00	1.41	0.02	0.90	1.41	#DIV/0!	#DIV/0!
MIN		0.00	0.00	0.00	0.00	1,340.61	0.00	326.40	66.99	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.00	1,349.34	698.44	338.06	300.60	490.40	0.00	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.01	1,326.75	444.94	222.38	210.15	300.15	6.05	0.00
STD. DEV		0.00	0.00	0.00	0.01	22.44	310.27	133.44	100.72	218.18	12.11	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.50	0.02	0.70	0.60	0.48	0.72	2.00	#DIV/0!
MIN		0.00	0.00	0.00	0.00	1,300.02	0.00	65.25	66.99	0.00	0.00	0.00
MAX		0.00	0.00	0.00	0.02	1,349.34	698.44	338.06	300.60	490.40	24.21	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.00	0.00	0.00	0.00	1,665.26	565.65	183.57	255.67	617.05	94.23	0.00
4/24/92-5,1-B	5.00	0.00	0.00	0.00	0.00	1,586.01	581.22	280.17	336.46	506.48	0.00	0.00
AVERAGE		0.00	0.00	0.00	0.00	1,625.63	573.43	231.87	296.06	561.75	47.11	0.00
STD. DEV		0.00	0.00	0.00	0.03	56.04	11.01	68.31	57.13	78.17	66.63	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.41	0.03	0.02	0.29	0.19	0.14	1.41	#DIV/0!
MIN		0.00	0.00	0.00	0.00	1,586.01	565.65	183.57	255.67	506.48	0.00	0.00
MAX		0.00	0.00	0.00	0.04	1,665.26	581.22	280.17	336.46	617.05	94.23	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	0.00	0.00	0.00	0.02	2,182.36	988.02	390.48	500.62	558.83	51.01	0.00
4/24/92-5,2-B	5.00	0.00	0.00	0.00	0.01	2,055.01	1,124.74	435.86	599.28	785.19	58.40	0.00
AVERAGE		0.00	0.00	0.00	0.02	2,118.68	1,056.38	413.17	549.95	672.01	54.71	0.00
STD. DEV		0.00	0.00	0.00	0.01	90.05	96.67	32.09	69.76	160.06	5.23	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	0.38	0.04	0.09	0.08	0.13	0.24	0.10	#DIV/0!
MIN		0.00	0.00	0.00	0.01	2,055.01	988.02	390.48	500.62	558.83	51.01	0.00
MAX		0.00	0.00	0.00	0.02	2,182.36	1,124.74	435.86	599.28	785.19	58.40	0.00
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	0.00	0.00	0.01	1,872.16	814.91	322.52	423.01	616.88	50.91	0.00
STD. DEV		0.00	0.00	0.00	0.01	291.18	284.44	113.38	155.58	120.96	38.83	0.00
%RSD		#DIV/0!	#DIV/0!	#DIV/0!	1.23	0.16	0.35	0.35	0.37	0.20	0.76	#DIV/0!
MIN		0.00	0.00	0.00	0.00	1,586.01	565.65	183.57	255.67	506.48	0.00	0.00
MAX		0.00	0.00	0.00	0.02	2,182.36	1,124.74	435.86	599.28	785.19	94.23	0.00
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PES

	Dilution^2	TMEN, ng/l	FLU, ng/l	PHE, ng/l	ANT, ng/l	1MP, ng/l	FLA, ng/l	PYR, ng/l	BAA, ng/l	CHR, ng/l	BBF, ng/l	BKF, ng/l	BEP, ng/l
4/20/92-0,0	0.00	0.00	0.00	0.00	3.87	0.00	0.00	0.00	0.00	0.00	10.03	31.24	18.87
4/22/92-0,0	0.00	0.00	0.00	0.00	0.00	0.00	12.15	2.41	2.38	0.00	12.84	25.20	21.53
4/23/92-0,0	0.00	0.00	0.00	0.00	13.12	0.00	40.82	43.14	13.60	10.20	20.79	6.31	30.57
4/24/92-0,0	0.00	0.00	19.63	157.65	56.14	0.00	393.20	492.00	108.23	360.32	420.88	259.30	338.33
AVERAGE		0.00	4.90	39.41	18.26	0.00	161.49	184.41	31.10	92.88	126.64	80.84	102.83
STD. DEV		0.00	9.81	78.83	25.83	0.00	288.38	339.02	51.76	178.51	206.38	119.66	160.14
%RSD		#DIV/0!	2.00	2.00	1.41	#DIV/0!	1.79	1.84	1.66	1.93	1.71	1.49	1.61
MIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.03	6.31	18.87
MAX		0.00	19.63	157.65	56.14	0.00	393.20	492.00	108.23	360.32	420.88	259.30	338.33
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/20/92-2,1-A	2.00	0.00	13.24	98.91	27.02	0.00	200.87	261.40	57.49	240.57	319.79	276.49	304.65
4/20/92-2,1-B	2.00	0.00	0.00	117.65	29.71	47.18	316.84	295.20	104.88	184.55	405.95	256.10	367.96
AVERAGE		0.00	6.62	78.37	28.37	23.59	308.85	220.08	101.19	214.56	362.87	266.30	336.30
STD. DEV		0.00	9.36	55.66	1.90	33.36	18.37	44.68	5.33	36.79	59.51	28.86	44.77
%RSD		#DIV/0!	1.41	0.71	0.07	1.41	0.06	0.34	0.05	0.17	0.16	0.11	0.13
MIN		0.00	0.00	38.91	27.02	0.00	200.87	295.20	97.49	184.55	319.79	256.10	304.65
MAX		0.00	13.24	117.65	29.71	47.18	316.84	261.40	104.88	240.57	405.95	276.49	367.96
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/20/92-2,2-A	2.00	0.00	40.85	143.59	83.31	44.22	408.77	460.12	176.98	309.14	265.91	219.41	332.47
4/20/92-2,2-B	2.00	0.00	49.36	108.65	33.40	31.30	388.96	448.80	139.33	323.45	943.46	483.06	910.59
AVERAGE		0.00	45.11	126.12	58.50	37.76	398.86	454.36	158.15	316.30	604.70	351.24	616.73
STD. DEV		0.00	6.02	24.71	36.06	9.14	14.91	8.34	26.63	10.11	479.10	186.43	440.80
%RSD		#DIV/0!	0.13	0.20	0.60	0.24	0.04	0.02	0.17	0.03	0.79	0.53	0.65
MIN		0.00	40.85	108.65	33.40	31.30	388.96	448.80	139.33	309.14	265.91	219.41	332.47
MAX		0.00	49.36	143.59	83.31	44.22	408.77	460.12	176.98	323.45	943.46	483.06	910.59
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	25.86	102.20	43.43	30.67	301.86	297.10	128.47	266.42	483.26	303.77	476.81
STD. DEV		0.00	23.13	44.71	24.72	21.38	87.91	76.81	36.63	63.73	282.62	132.91	204.17
%RSD		#DIV/0!	0.89	0.44	0.62	0.70	0.16	0.20	0.26	0.24	0.65	0.49	0.60
MIN		0.00	0.00	38.91	27.02	0.00	200.87	295.20	97.49	184.55	265.91	219.41	304.65
MAX		0.00	49.36	143.59	83.31	47.18	408.77	460.12	176.98	323.45	943.46	483.06	910.59
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/22/92-3,1-A	3.00	0.00	86.54	347.50	155.14	70.02	1,205.77	1,562.76	480.72	1,215.17	730.51	663.43	708.36
4/22/92-3,1-B	3.00	0.00	0.00	279.20	122.71	40.76	646.08	762.08	273.49	411.61	351.84	305.90	537.39
AVERAGE		0.00	43.27	313.36	138.93	55.39	926.93	1,162.42	377.11	813.39	541.23	484.67	622.87
STD. DEV		0.00	61.19	48.29	23.93	20.69	394.35	566.17	146.84	566.79	268.83	111.39	149.17
%RSD		#DIV/0!	1.41	0.15	0.17	0.37	0.43	0.49	0.39	0.70	0.51	0.23	0.23
MIN		0.00	0.00	279.20	122.71	40.76	646.08	762.08	273.49	411.61	351.84	305.90	537.39
MAX		0.00	86.54	347.50	155.14	70.02	1,205.77	1,562.76	480.72	1,215.17	730.51	663.43	708.36
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/22/92-3,2-A	3.00	0.00	0.00	153.26	0.00	0.00	3,336.53	2,274.37	0.00	0.00	1,892.37	0.00	3,107.84
4/22/92-3,2-B	3.00	0.00	0.00	0.00	95.84	0.00	1,331.01	1,395.27	194.18	220.60	980.74	844.08	361.45
AVERAGE		0.00	0.00	76.63	47.92	0.00	2,333.78	1,834.82	97.09	110.30	1,436.56	422.04	1,734.64
STD. DEV		0.00	0.00	108.37	67.77	0.00	1,418.18	481.61	137.30	155.84	593.29	596.86	1,901.89
%RSD		#DIV/0!	#DIV/0!	1.41	1.41	#DIV/0!	0.61	0.26	1.41	1.41	0.30	1.41	1.13
MIN		0.00	0.00	0.00	0.00	0.00	1,331.01	1,395.27	0.00	0.00	980.74	0.00	361.45
MAX		0.00	0.00	153.26	95.84	0.00	3,336.53	2,274.37	194.18	220.60	1,892.37	844.08	3,107.84
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	21.63	194.99	93.42	27.69	1,628.36	1,648.12	237.10	462.20	949.89	803.36	1,198.76
STD. DEV		0.00	43.27	153.86	66.84	34.34	1,176.38	618.48	198.94	339.60	568.58	363.99	1,365.53
%RSD		#DIV/0!	2.00	0.78	0.72	1.23	0.72	0.40	0.84	1.35	0.60	0.72	1.07
MIN		0.00	0.00	0.00	0.00	0.00	646.08	762.08	0.00	0.00	351.84	0.00	361.45
MAX		0.00	86.54	347.50	155.14	70.02	3,336.53	2,274.37	480.72	1,215.17	1,892.37	844.08	3,107.84
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/23/92-4,1-A	4.00	0.00	143.39	800.03	304.47	310.30	2,169.21	1,806.22	697.42	1,173.57	1,276.72	1,531.30	1,308.52
4/23/92-4,1-B	4.00	0.00	114.40	716.09	273.80	156.94	2,009.36	1,915.58	780.10	1,104.36	1,139.80	1,262.59	1,167.54
AVERAGE		0.00	128.89	758.06	289.13	233.62	2,089.28	1,861.40	694.17	1,138.97	1,333.26	1,396.93	1,237.03
STD. DEV		0.00	20.36	58.36	21.69	108.44	108.79	78.88	122.69	48.78	68.83	204.15	98.26
%RSD		#DIV/0!	0.16	0.08	0.08	0.46	0.05	0.04	0.18	0.04	0.05	0.15	0.08
MIN		0.00	114.40	716.09	273.80	156.94	2,009.36	1,806.22	697.42	1,104.36	1,276.72	1,262.59	1,167.54
MAX		0.00	143.39	800.03	304.47	310.30	2,169.21	1,915.58	780.10	1,173.57	1,369.80	1,531.30	1,308.52
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/23/92-4,2-A	4.00	0.00	235.33	794.36	0.00	0.00	2,008.64	2,286.22	873.32	1,583.41	1,949.60	1,216.76	1,084.18
4/23/92-4,2-B	4.00	0.00	246.06	927.73	357.36	143.24	2,280.08	2,114.47	789.45	1,097.22	1,675.65	1,378.51	1,610.71
AVERAGE		0.00	240.69	861.05	178.68	71.62	2,144.36	2,200.36	831.38	1,340.32	1,812.63	1,297.64	1,347.45
STD. DEV		0.00	7.64	94.38	252.69	101.20	191.98	126.82	59.38	343.79	193.78	114.37	368.24
%RSD		#DIV/0!	0.03	0.11	1.41	1.41	0.09	0.06	0.07	0.26	0.11	0.09	0.27
MIN		0.00	235.33	794.36	0.00	0.00	2,008.64	2,114.47	789.45	1,097.22	1,675.65	1,216.76	1,084.18
MAX		0.00	246.06	927.73	357.36	143.24	2,280.08	2,286.22	873.32	1,583.41	1,949.60	1,378.51	1,610.71
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	184.99	888.56	233.91	152.63	2,118.32	2,034.37	763.78	1,239.89	1,467.97	1,343.29	1,294.74
STD. DEV		0.00	66.78	87.68	180.71	126.84	126.71	215.67	111.68	331.77	306.27	144.61	226.31
%RSD		#DIV/0!	0.36	0.11	0.68	0.83	0.06	0.11	0.15	0.19	0.20	0.11	0.18
MIN		0.00	134.69	716.09	0.00	0.00	2,008.64	1,806.22	697.42	1,097.22	1,276.72	1,216.76	1,084.18
MAX		0.00	246.06	927.73	357.36	310.30	2,280.08	2,286.22	873.32	1,583.41	1,949.60	1,531.30	1,610.71
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
4/24/92-5,1-A	5.00	0.00	318.94	1,170.67	562.41	355.25	3,120.53	3,564.72	1,228.89	2,075.58	3,304.96	2,043.83	3,088.02
4/24/92-5,1-B	5.00	0.00	242.49	1,161.63	372.26	165.96	3,149.26	3,749.37	1,123.46	1,773.52	1,850.57	2,091.16	2,098.86
AVERAGE		0.00	280.72	1,166.15	467.34	260.61	3,134.89	3,657.05	1,176.17	1,924.55	2,577.76	2,067.50	2,593.44
STD. DEV		0.00	54.06	6.39	134.46	133.86	368.81	130.89	74.56	213.99	1,028.41	33.47	726.19
%RSD		#DIV/0!	0.19	0.01	0.29	0.51	0.11	0.04	0.06	0.11	0.40	0.02	0.28
MIN		0.00	242.49	1,161.63	372.26	165.96	3,120.53	3,564.72	1,123.46	1,773.52	1,850.57	2,043.83	2,063.86
MAX		0.00	318.94	1,170.67	562.41	355.25	3,149.26	3,749.37	1,228.89	2,075.58	3,304.96	2,091.16	3,088.02
n		2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4/24/92-5,2-A	5.00	0.00	280.25	1,323.63	423.65	207.67	4,028.30	3,817.07	1,174.75	1,948.86	1,993.74	1,837.76	2,402.22
4/24/92-5,2-B	5.00	0.00	244.37	1,226.47	527.06	212.15	4,283.87	4,133.31	1,467.77	2,153.20	5,104.96	5,957.82	2,421.77
AVERAGE		0.00	262.31	1,275.05	501.15	209.91	4,156.08	3,975.19	1,321.26	2,051.03	3,549.35	3,897.79	2,411.99
STD. DEV		0.00	25.37	68.79	39.28	3.17	180.71	223.61	221.36	144.69	2,159.97	2,913.32	13.83
%RSD		#DIV/0!	0.10	0.05	0.06	0.02	0.04	0.06	0.17	0.07	0.61	0.75	0.01
MIN		0.00	244.37	1,226.47	488.65	207.67	4,028.30	3,817.07	1,174.75	1,948.86	1,993.74	1,837.76	2,402.22
MAX		0.00	280.25	1,323.63	577.06	212.15	4,283.87	4,133.31	1,467.77	2,153.20	5,104.96	5,957.82	2,421.77
n		2.00	2.00	2.00	90	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		0.00	271.31	1,229.60	464.85	236.26	3,775.49	3,816.89	1,283.72	1,987.79	3,063.86	2,982.64	2,498.97
STD. DEV		0.00	36.68	74.43	82.98	82.65	504.19	236.84	161.86	166.53	1,516.13	1,986.89	428.77
%RSD		#DIV/0!	0.13	0.06	0.17	0.35	0.13	0.06	0.13	0.08	0.49	0.67	0.17
MIN		0.00	242.49	1,161.63	372.26	165.96	3,120.53	3,564.72	1,123.46	1,773.52	1,850.57	1,837.76	2,063.86
MAX		0.00	318.94	1,323.63	562.41	355.25	4,283.87	4,133.31	1,467.77	2,153.20	5,104.96	5,957.82	3,088.02
n		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

RP PAH

	Diam^3	BAP, ng/l	PERY, ng/l	INP, ng/l	DBA, ng/l	BPE, ng/l	Σ PAHs, ng/l
4/20/93-0,0	0.00	10.44	0.00	0.00	0.00	0.00	74.25
4/22/93-0,0	0.00	24.14	5.51	0.00	0.00	0.00	106.46
4/23/93-0,0	0.00	6.04	24.85	0.00	0.00	0.00	208.13
4/24/93-0,0	0.00	147.95	143.83	0.00	0.00	51.71	3,773.07
AVERAGE		47.14	43.80	0.00	0.00	13.93	1,040.48
STD. DEV		67.48	67.71	0.00	0.00	25.86	1,832.63
% RSD		1.43	1.56	#DIV/0!	#DIV/0!	2.00	1.75
MIN		6.04	0.00	0.00	0.00	0.00	74.25
MAX		147.95	143.83	0.00	0.00	51.71	3,773.07
n		4.00	4.00	4.00	4.00	4.00	4.00
4/20/93-2,1-A	2.00	155.56	59.01	89.47	0.00	219.13	2,852.27
4/20/93-2,1-B	2.00	274.22	74.39	138.55	0.00	80.12	2,878.30
AVERAGE		214.89	66.69	114.01	0.00	149.63	2,755.28
STD. DEV		84.38	11.01	36.27	0.00	98.29	173.97
% RSD		0.40	0.17	0.31	#DIV/0!	0.66	0.06
MIN		154.56	59.01	89.47	0.00	59.13	2,632.27
MAX		274.22	74.39	138.55	0.00	219.13	2,878.30
n		2.00	2.00	2.00	2.00	2.00	2.00
4/20/93-2,2-A	2.00	226.97	119.83	195.91	0.00	266.90	3,649.12
4/20/93-2,2-B	2.00	150.07	232.85	130.70	0.00	197.60	4,877.34
AVERAGE		238.52	176.35	163.31	0.00	232.25	4,163.23
STD. DEV		125.69	79.93	46.11	0.00	48.09	727.46
% RSD		0.52	0.45	0.28	#DIV/0!	0.21	0.17
MIN		150.07	119.83	130.70	0.00	197.60	3,649.12
MAX		326.97	232.85	195.91	0.00	266.90	4,877.34
n		2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		227.30	121.87	130.96	0.00	190.04	3,469.26
STD. DEV		86.39	76.84	43.75	0.00	79.36	930.36
% RSD		0.39	0.65	0.34	#DIV/0!	0.42	0.27
MIN		150.07	59.01	89.47	0.00	59.13	2,632.27
MAX		326.97	232.85	195.91	0.00	266.90	4,877.34
n		4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-3,1-A	3.00	683.17	103.84	330.04	0.00	339.74	10,195.36
4/23/93-3,1-B	3.00	511.75	264.69	74.80	0.00	202.98	6,111.75
AVERAGE		597.46	183.77	202.42	0.00	266.36	8,153.66
STD. DEV		121.33	114.43	181.99	0.00	126.96	2,907.71
% RSD		0.20	0.62	1.06	#DIV/0!	0.48	0.36
MIN		511.75	103.84	74.80	0.00	202.98	6,111.75
MAX		683.17	264.69	330.04	0.00	339.74	10,195.36
n		2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-3,2-A	3.00	0.00	0.00	0.00	0.00	0.00	10,720.43
4/23/93-3,2-B	3.00	430.80	2,274.12	0.00	0.00	0.00	10,145.93
AVERAGE		215.40	1,137.06	0.00	0.00	0.00	10,433.18
STD. DEV		304.66	1,608.05	0.00	0.00	0.00	406.33
% RSD		1.41	1.41	#DIV/0!	#DIV/0!	#DIV/0!	0.04
MIN		0.00	0.00	0.00	0.00	0.00	10,145.93
MAX		430.80	2,274.12	0.00	0.00	0.00	10,720.43
n		2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		466.36	600.02	191.21	0.00	183.18	9,293.42
STD. DEV		298.66	1,008.31	265.09	0.00	206.07	2,136.98
% RSD		0.72	1.64	1.39	#DIV/0!	1.37	0.23
MIN		0.00	0.00	0.00	0.00	0.00	6,111.75
MAX		683.17	2,274.12	330.04	0.00	339.74	10,720.43
n		4.00	4.00	4.00	4.00	4.00	4.00
4/23/93-4,1-A	4.00	1,324.45	679.84	999.14	0.00	1,333.48	17,044.33
4/23/93-4,1-B	4.00	1,182.60	543.08	998.13	37.89	1,178.18	17,410.30
AVERAGE		1,253.53	611.46	998.64	18.95	1,255.83	17,227.32
STD. DEV		100.43	96.71	382.84	26.32	38.01	258.78
% RSD		0.08	0.16	0.47	1.37	0.03	0.01
MIN		1,182.60	543.08	998.14	0.00	1,333.48	17,044.33
MAX		1,324.45	679.84	998.13	37.89	1,178.18	17,410.30
n		2.00	2.00	2.00	2.00	2.00	2.00
4/23/93-4,2-A	4.00	1,401.30	396.94	636.42	0.00	968.97	17,209.03
4/23/93-4,2-B	4.00	1,279.81	820.77	1,071.06	46.80	000.07	19,006.47
AVERAGE		1,340.56	613.36	853.75	24.40	884.02	18,107.74
STD. DEV		86.91	306.46	307.36	34.51	118.76	1,836.67
% RSD		0.06	0.50	0.36	1.41	0.13	0.10
MIN		1,279.81	396.94	636.42	0.00	800.97	17,209.03
MAX		1,401.30	820.77	1,071.06	46.80	968.02	19,006.47
n		2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		1,297.69	613.41	801.19	21.84	1,019.94	17,847.53
STD. DEV		91.39	188.33	276.19	26.23	173.31	1,301.26
% RSD		0.07	0.30	0.35	1.14	0.17	0.07
MIN		1,182.60	396.94	499.14	0.00	800.97	17,044.33
MAX		1,401.30	820.77	1,071.06	46.80	1,178.18	19,006.47
n		4.00	4.00	4.00	4.00	4.00	4.00
4/24/93-5,1-A	5.00	2,761.24	1,342.15	2,186.12	137.88	2,321.26	32,948.84
4/24/93-5,1-B	5.00	2,183.34	760.47	1,068.96	338.51	1,894.14	28,421.43
AVERAGE		2,472.29	1,051.31	1,937.86	238.20	2,108.70	30,685.63
STD. DEV		408.89	411.38	301.53	141.87	300.68	3,231.97
% RSD		0.17	0.39	0.16	0.60	0.14	0.10
MIN		2,183.34	760.47	1,668.96	137.88	1,894.14	28,421.43
MAX		2,761.24	1,342.15	2,186.12	338.51	2,321.26	32,963.84
n		2.00	2.00	2.00	2.00	2.00	2.00
4/24/93-5,2-A	5.00	2,282.70	1,112.67	2,079.45	0.00	2,407.47	32,033.52
4/24/93-5,2-B	5.00	2,734.76	0.00	0.00	4,619.66	4,143.10	44,310.73
AVERAGE		2,508.73	556.30	1,039.73	2,309.83	3,275.28	38,182.13
STD. DEV		319.65	786.78	1,470.29	3,266.60	1,268.48	8,667.16
% RSD		0.13	1.41	1.41	1.41	0.38	0.23
MIN		2,282.70	0.00	0.00	0.00	2,407.47	32,033.52
MAX		2,734.76	1,112.67	2,079.45	4,619.66	4,143.10	44,310.73
n		2.00	2.00	2.00	2.00	2.00	2.00
AVERAGE		2,490.56	803.82	1,403.64	1,274.01	2,692.49	34,437.38
STD. DEV		300.21	506.88	1,015.17	2,234.76	993.86	6,868.99
% RSD		0.12	0.73	0.68	1.75	1.37	0.20
MIN		2,183.34	0.00	0.00	0.00	1,894.14	28,421.43
MAX		2,761.24	1,342.15	2,186.12	4,619.66	4,143.10	44,310.73
n		4.00	4.00	4.00	4.00	4.00	4.00

APPENDIX 6. BULK SEDIMENT AND SIZED FRACTION DATA

	Amt filtered, g	CB008, ng/g	CB018, ng/g	CB029, ng/g	CB050, ng/g
BRH PES2 Pip	1.535	0.14	0.02	0.00	0.60
BRH PES1 PIP	2.622	0.20	0.23	0.07	1.40
AVERAGE	2.079	0.174	0.126	0.035	1.001
ST. DEV.	0.769	0.041	0.154	0.050	0.568
%RSD	36.994	23.818	122.722	141.421	56.697
MIN	1.535	0.144	0.017	0.000	0.600
MAX	2.622	0.203	0.235	0.071	1.403
n	2	2	2	2	2
BRH PES1 CORE	2.634	1.01	1.27	0.45	7.73
BRH PES2 CORE	1.560	1.30	1.93	0.53	11.12
BRH PES#2 CORE	5.130	2.31	2.54	0.74	0.42
BRH #3 BULK CORE	1.870	2.3	5.4	0.5	0.0
BRH #1-4 CORE	1.490	4.13	5.35	1.08	0.00
AVERAGE	2.537	2.208	3.287	0.651	3.856
ST. DEV.	1.519	1.221	1.935	0.265	5.229
%RSD	59.878	55.282	58.870	40.702	135.623
MIN	1.490	1.011	1.269	0.450	0.000
MAX	5.130	4.130	5.353	1.079	11..25
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater		NA			
BRH CLAY1	0.1192	0.37	2.46	0.10	0.56
BRH CLAY2	0.0804	0.56	2.96	0.00	0.00
BRH SILT1	2.0000	1.21	1.65	0.26	0.04
BRH SILT2	1.4772	1.00	1.50	0.20	0.00
BRH SAND					

	CB008, %	CB018, %	CB029, %	CB050, %
BRH CLAY1	0.06	0.40	0.02	0.09
BRH CLAY2	0.11	0.57	0.00	0.00
BRH SILT1	0.45	0.61	0.09	0.02
BRH SILT2	0.45	0.67	0.09	0.0
BRH SAND	not determined	not determined	not determined	not determined

	CB028, ng/g	CB052, ng/g	CB104, ng/g	CB044, ng/g	CB066, ng/g
BRH PES2 Pip	0.58	0.29	0.83	0.44	0.36
BRH PES1 PIP	1.45	1.06	0.00	0.51	1.16
AVERAGE	1.015	0.675	0.415	0.474	0.763
ST. DEV.	0.621	0.549	0.587	0.054	0.563
%RSD	61.226	81.341	141.421	11.436	73.890
MIN	0.576	0.287	0.000	0.435	0.364
MAX	1.454	1.063	0.830	0.512	1.161
n	2	2	2	2	2
BRH PES1 CORE	8.18	5.62	0.74	2.78	5.05
BRH PES2 CORE	11.76	8.41	0.66	3.67	6.71
BRH PES#2 CORE	52.03	28.48	0.00	11.00	54.39
BRH #3 BULK CORE	56.2	32.4	0.2	12.2	62.7
BRH #1-4 CORE	56.75	33.31	0.00	11.31	56.73
AVERAGE	36.992	21.643	0.325	8.184	37.120
ST. DEV.	24.768	13.513	0.354	4.560	28.681
%RSD	66.955	62.437	109.026	55.720	77.266
MIN	8.179	5.616	0.000	2.776	5.053
MAX	56.746	33.312	0.737	12.163	62.705
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater					
BRH CLAY1	47.65	33.62	0.00	11.85	56.77
BRH CLAY2	43.42	28.39	26.12	9.76	45.43
BRH SILT1	26.13	14.92	1.19	6.99	27.36
BRH SILT2	22.59	14.18	1.55	6.14	25.02
BRH SAND					

	CB028, %	CB052, %	CB104, %	CB044, %	CB066, %
BRH CLAY1	7.82	5.52	0.00	1.94	9.31
BRH CLAY2	8.31	5.44	5.00	1.87	8.70
BRH SILT1	9.67	5.52	0.44	2.59	10.12
BRH SILT2	10.07	6.32	0.69	2.74	11.16
BRH SAND	not determined	not determined	not determined	not determined	not determined

	CB101, ng/g	CB087, ng/g	CB077, ng/g	CB154, ng/g	CB118, ng/g
BRH PES2 Pip	1.27	0.72	0.10	0.51	1.46
BRH PES1 PIP	1.96	0.86	0.16	1.18	2.69
AVERAGE	1.613	0.790	0.132	0.842	2.076
ST. DEV.	0.486	0.099	0.044	0.475	0.869
%RSD	30.110	12.527	33.169	56.377	41.860
MIN	1.270	0.720	0.101	0.506	1.461
MAX	1.957	0.860	0.163	1.177	2.690
n	2	2	2	2	2
BRH PES1 CORE	9.74	4.50	1.04	6.06	15.10
BRH PES2 CORE	14.61	6.54	1.65	8.71	21.07
BRH PES#2 CORE	2.17	24.40	46.95	2.43	57.50
BRH #3 BULK CORE	66.8	27.4	53.9	4.2	66.9
BRH #1-4 CORE	64.68	26.18	48.77	3.11	63.56
AVERAGE	31.595	17.806	30.463	4.895	44.825
ST. DEV.	31.485	11.288	26.703	2.538	24.735
%RSD	99.651	63.394	87.656	51.844	55.180
MIN	2.168	4.503	1.040	2.426	15.095
MAX	66.784	27.410	53.901	8.714	66.903
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater					
BRH CLAY1	67.62	26.61	50.22	3.63	64.31
BRH CLAY2	59.06	22.69	40.44	2.68	60.42
BRH SILT1	28.86	13.81	25.35	1.77	28.92
BRH SILT2	25.82	1.05	21.88	1.63	25.17
BRH SAND					

	CB101, %	CB087, %	CB077, %	CB154, %	CB118, %
BRH CLAY1	11.09	4.37	8.24	0.60	10.55
BRH CLAY2	11.31	4.35	7.75	0.51	11.57
BRH SILT1	10.68	5.11	9.38	0.65	10.70
BRH SILT2	11.51	0.47	9.76	0.73	11.22
BRH SAND	not determined	not determined	not determined	not determined	not determined

	CB188, ng/g	CB153, ng/g	CB105, ng/g	CB138, ng/g	CB126, ng/g
BRH PES2 Pip	0.25	0.96	0.61	0.73	0.00
BRH PES1 PIP	0.32	1.53	1.16	1.91	0.16
AVERAGE	0.285	1.245	0.883	1.322	0.082
ST. DEV.	0.050	0.399	0.391	0.836	0.115
%RSD	17.380	32.052	44.270	63.217	141.421
MIN	0.250	0.963	0.606	0.731	0.000
MAX	0.320	1.528	1.159	1.913	0.163
n	2	2	2	2	2
BRH PES1 CORE	1.66	8.32	6.24	10.57	1.03
BRH PES2 CORE	2.37	12.36	8.48	15.35	1.27
BRH PES#2 CORE	0.66	53.47	32.68	16.89	0.71
BRH #3 BULK CORE	1.3	80.2	19.6	72.5	0.7
BRH #1-4 CORE	0.00	75.19	17.97	67.08	0.00
AVERAGE	1.198	45.914	17.000	36.485	0.734
ST. DEV.	0.911	34.022	10.513	30.569	0.480
%RSD	75.993	74.099	61.839	83.786	65.427
MIN	0.000	8.323	6.243	10.569	0.000
MAX	2.369	80.219	32.684	72.533	1.274
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater					
BRH CLAY1	2.18	75.13	20.88	66.20	0.00
BRH CLAY2	3.14	62.25	18.88	15.81	0.00
BRH SILT1	0.50	25.54	19.25	9.56	0.20
BRH SILT2	0.33	29.73	8.17	7.36	0.00
BRH SAND					

	CB188, %	CB153, %	CB105, %	CB138, %	CB126, %
BRH CLAY1	0.36	12.32	3.43	10.96	0.00
BRH CLAY2	0.60	11.92	3.62	3.03	0.00
BRH SILT1	0.18	9.45	7.12	3.54	0.08
BRH SILT2	0.15	13.26	3.64	3.28	0.00
BRH SAND	not determined	not determined	not determined	not determined	not determined

	CB187, ng/g	CB128, ng/g	CB200, ng/g	CB180, ng/g	CB170, ng/g
BRH PES2 Pip	0.32	0.19	0.00	0.38	0.04
BRH PES1 PIP	0.41	0.35	0.00	0.66	0.20
AVERAGE	0.363	0.270	0.000	0.523	0.120
ST. DEV.	0.061	0.109	0.000	0.197	0.117
%RSD	16.712	40.126	#DIV/0!	37.636	97.293
MIN	0.320	0.194	0.000	0.384	0.038
MAX	0.406	0.347	0.000	0.662	0.203
n	2	2	2	2	2
BRH PES1 CORE	2.47	2.15	0.78	3.63	1.93
BRH PES2 CORE	3.22	2.65	0.84	5.19	2.85
BRH PES#2 CORE	13.22	9.35	1.13	23.57	10.92
BRH #3 BULK CORE	15.7	11.1	2.3	26.7	17.5
BRH #1-4 CORE	14.86	10.05	1.48	24.97	47.93
AVERAGE	9.901	7.066	1.316	16.803	16.234
ST. DEV.	6.510	4.309	0.639	11.381	18.832
%RSD	65.758	60.985	48.521	67.734	116.007
MIN	2.473	2.153	0.780	3.627	1.930
MAX	15.741	11.129	2.345	26.656	47.935
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater					
BRH CLAY1	15.47	11.30	1.91	24.69	8.76
BRH CLAY2	12.00	10.11	1.96	22.59	15.03
BRH SILT1	7.17	5.61	0.70	11.98	4.52
BRH SILT2	5.99	4.64	0.69	9.77	4.51
BRH SAND					

	CB187, %	CB128, %	CB200, %	CB180, %	CB170, %
BRH CLAY1	2.54	1.85	0.31	4.05	1.44
BRH CLAY2	2.30	1.94	0.38	4.33	2.88
BRH SILT1	2.65	2.07	0.26	4.44	1.67
BRH SILT2	2.67	2.07	0.31	4.36	2.01
BRH SAND	not determined	not determined	not determined	not determined	not determined

	CB195, ng/g	CB206, ng/g	CB209, ng/g	CB sum, ng/g	HCB, ng/g
BRH PES2 Pip	0.18	0.88	1.23	13.09	0.25
BRH PES1 PIP	0.15	0.33	0.16	20.29	0.10
AVERAGE	0.168	0.602	0.696	16.688	0.177
ST. DEV.	0.021	0.388	0.755	5.094	0.107
%RSD	12.654	64.505	108.536	30.527	60.116
MIN	0.153	0.327	0.162	13.086	0.102
MAX	0.183	0.877	1.230	20.291	0.253
n	2	2	2	2	2
BRH PES1 CORE	0.80	0.97	0.87	110.69	0.82
BRH PES2 CORE	1.06	1.46	0.84	156.64	0.79
BRH PES#2 CORE	1.60	5.21	2.27	457.03	2.02
BRH #3 BULK CORE	1.6	6.6	2.8	649.8	1.8
BRH #1-4 CORE	2.09	6.46	3.07	646.13	2.76
AVERAGE	1.437	4.149	1.977	404.067	1.645
ST. DEV.	0.510	2.737	1.063	259.369	0.839
%RSD	35.479	65.970	53.781	64.190	50.990
MIN	0.800	0.974	0.842	110.693	0.794
MAX	2.095	6.636	3.071	649.835	2.757
n	5	5	5	5	5
BRH Jar4 0.5cm filtered swater				0.00	
BRH CLAY1	3.87	9.23	4.19	609.56	4.99
BRH CLAY2	7.98	4.22	6.27	522.15	0.72
BRH SILT1	1.80	3.51	1.42	270.21	1.11
BRH SILT2	1.42	2.81	1.10	224.26	0.71
BRH SAND					

	CB195, %	CB206, %	CB209, %	CB sum, %
BRH CLAY1	0.64	1.51	0.69	100.00
BRH CLAY2	1.53	0.81	1.20	100.00
BRH SILT1	0.66	1.30	0.52	100.00
BRH SILT2	0.63	1.25	0.49	100.00
BRH SAND	not determined	not determined	not determined	not determined

	HEPT, ng/g	ALDRIN, ng/g	OP'DDE, ng/g	DIELDRIN, ng/g
BRH PES2 Pip	0.00	0.00	0.00	0.23
BRH PES1 PIP	0.00	0.00	0.50	0.27
AVERAGE	0.000	0.000	0.252	0.248
ST. DEV.	0.000	0.000	0.357	0.028
%RSD	#DIV/0!	#DIV/0!	141.421	11.144
MIN	0.000	0.000	0.000	0.229
MAX	0.000	0.000	0.504	0.268
n	2	2	2	2
BRH PES1 CORE	0.85	0.00	2.46	1.38
BRH PES2 CORE	2.28	0.00	3.30	2.00
BRH PES#2 CORE	0.00	1.10	23.84	16.10
BRH #3 BULK CORE	0.0	2.8	28.6	18.3
BRH #1-4 CORE	0.00	4.67	26.33	17.05
AVERAGE	0.626	1.708	16.902	10.973
ST. DEV.	0.996	2.007	12.910	8.515
%RSD	158.930	117.496	76.379	77.605
MIN	0.000	0.000	2.463	1.376
MAX	2.281	4.672	28.575	18.336
n	5	5	5	5
BRH Jar4 0.5cm filtered swater				
BRH CLAY1	1.82	0.00	29.43	18.26
BRH CLAY2	0.00	0.00	28.41	16.60
BRH SILT1	0.00	0.00	14.31	0.00
BRH SILT2	0.65	5.52	11.63	20.70
BRH . AND				
BRH CLAY1				
BRH CLAY2				
BRH SILT1				
BRH SILT2				
BRH SAND				

	PP'DDE, ng/g	OP'DDD, ng/g	PP'DDD, ng/g	OP'DDT, ng/g
BRH PES2 Pip	1.12	0.31	0.14	0.15
BRH PES1 PIP	1.02	0.73	0.25	0.11
AVERAGE	1.070	0.523	0.195	0.132
ST. DEV.	0.070	0.295	0.082	0.026
%RSD	6.577	56.377	41.810	19.841
MIN	1.020	0.314	0.138	0.113
MAX	1.120	0.731	0.253	0.150
n	2	2	2	2
BRH PES1 CORE	5.27	3.76	1.87	0.73
BRH PES2 CORE	7.24	5.41	1.95	0.43
BRH PES#2 CORE	13.17	0.00	0.00	0.00
BRH #3 BULK CORE	16.4	0.0	0.0	0.0
BRH #1-4 CORE	14.51	0.00	0.00	0.00
AVERAGE	11.319	1.835	0.763	0.232
ST. DEV.	4.813	2.580	1.045	0.335
%RSD	42.527	140.557	136.982	144.521
MIN	5.270	0.000	0.000	0.000
MAX	16.405	5.411	1.948	0.732
n	5	5	5	5
BRH Jar4 0.5cm filtered swater				
BRH CLAY1	17.61	0.00	0.00	0.00
BRH CLAY2	15.01	0.00	0.00	0.00
BRH SILT1	9.21	0.00	0.00	0.00
BRH SILT2	5.56	0.00	0.00	0.00
BRH SAND				
BRH CLAY1				
BRH CLAY2				
BRH SILT1				
BRH SILT2				
BRH SAND				

	MIREX, ng/g	NAP, ng/g	2MN, ng/g	1MN, ng/g	BIP, ng/g	DMN, ng/g
BRH PES2 Pip	0.16	609.3	168.5	303.4	0.0	0.0
BRH PES1 PIP	0.04	9.6	4.8	1.9	4.7	7.3
AVERAGE	0.101	309.465	86.647	152.674	2.345	3.650
ST. DEV.	0.087	424.030	115.819	213.212	3.316	5.162
%RSD	86.849	137.021	133.669	139.652	141.421	141.421
MIN	0.039	9.630	4.750	1.910	0.000	0.000
MAX	0.162	609.299	168.543	303.437	4.690	7.300
n	2	2	2	2	2	2
BRH PES1 CORE	0.42	115.5	474.0	334.1	468.5	894.4
BRH PES2 CORE	0.30	LOST	LOST	LOST	LOST	LOST
BRH PES#2 CORE	0.53	335.9	202.8	131.7	55.8	222.1
BRH #3 BULK CORE	1.4	401.9	276.4	163.2	71.8	237.9
BRH #1-4 CORE	10.22	406.1	297.6	175.9	78.7	338.5
AVERAGE	2.570	314.836	312.704	201.195	168.714	423.200
ST. DEV.	4.298	136.718	114.931	90.497	200.065	318.326
%RSD	167.248	43.425	36.754	44.980	118.582	75.219
MIN	0.301	115.505	202.840	131.680	55.820	222.100
MAX	10.220	406.060	473.978	334.050	468.466	894.389
n	5	4	4	4	4	4
BRH Jar4 0.5cm filtered swater						
BRH CLAY1	9.75	271.21	0	0	0	102.04
BRH CLAY2	12.95	152.81	0	0	0	181.1
BRH SILT1	0.95					
BRH SILT2	0.76	134.25	78.5	45.8	24.56	73.23
BRH SAND						
		NAP, %	2MN, %	1MN, %	BIP, %	DMN, %
BRH CLAY1		1.42	0.00	0.00	0.00	0.53
BRH CLAY2		0.86	0.00	0.00	0.00	1.02
BRH SILT1						
BRH SILT2		1.35	0.79	0.46	0.25	0.73
BRH SAND						

	ACL, ng/g	ACT, ng/g	TMN, ng/g	FLU, ng/g	PHE, ng/g	ANT, ng/g
BRH PES2 Pip	0.0	0.0	553.4	0.0	10.8	0.8
BRH PES1 PIP	0.0	0.0	0.0	4.1	29.3	8.3
AVERAGE	0.000	0.000	276.722	2.065	20.084	4.542
ST. DEV.	0.000	0.000	391.344	2.920	13.062	5.273
%RSD	#DIV/0!	#DIV/0!	141.421	141.421	65.034	116.091
MIN	0.000	0.000	0.000	0.000	10.848	0.813
MAX	0.000	0.000	553.444	4.130	29.320	8.270
n	2	2	2	2	2	2
BRH PES1 CORE	11.3	9.8	28.0	46.9	376.9	54.7
BRH PES2 CORE	LOST	LOST	LOST	LOST	LOST	LOST
BRH PES#2 CORE	74.2	152.9	175.7	189.6	1050.2	273.0
BRH #3 BULK CORE	135.0	293.3	278.5	340.8	1474.8	397.4
BRH #1-4 CORE	123.2	237.0	253.9	290.2	1153.7	316.4
AVERAGE	85.924	173.254	184.037	216.883	1013.883	260.368
ST. DEV.	56.273	123.322	112.852	129.569	461.537	146.507
%RSD	65.492	71.180	61.320	59.741	45.522	56.269
MIN	11.326	9.788	28.029	46.944	376.902	54.361
MAX	134.960	293.340	278.460	340.830	1474.810	397.420
n	4	4	4	4	4	4
BRH Jar4 0.5cm filtered swater						
BRH CLAY1	13.82	0	0	91.91	594.9	269.83
BRH CLAY2	0	0	0	22.74	576.58	239.2
BRH SILT1						
BRH SILT2	26.35	38.91	66.32	87.95	354.42	113.5
BRH SAND						

	ACL, %	ACT, %	TMN, %	FLU, %	PHE, %	ANT, %
BRH CLAY1	0.07	0.00	0.00	0.48	3.11	1.41
BRH CLAY2	0.00	0.00	0.00	0.13	3.23	1.34
BRH SILT1						
BRH SILT2	0.26	0.39	0.67	0.88	3.56	1.14
BRH SAND						

	1MP, ng/g	FLA, ng/g	PYR, ng/g	BAA, ng/g	CHR, ng/g	BBF, ng/g
BRH PES2 Pip	1.9	31.9	32.3	5.4	0.8	21.3
BRH PES1 PIP	6.7	71.3	68.6	27.6	40.9	39.6
AVERAGE	4.316	51.610	50.470	16.501	20.879	30.437
ST. DEV.	3.428	27.804	25.696	15.696	28.342	12.958
%RSD	79.427	53.873	50.914	95.118	135.740	42.574
MIN	1.892	31.949	32.300	5.403	0.839	21.274
MAX	6.740	71.270	68.640	27.600	40.920	39.600
n	2	2	2	2	2	2
BRH PES1 CORE	51.8	701.9	649.8	210.1	229.5	251.9
BRH PES2 CORE	LOST	LOST	LOST	LOST	LOST	LOST
BRH PES#2 CORE	199.7	2287.9	2244.1	683.8	1081.0	1073.3
BRH #3 BULK CORE	249.5	5800.4	5832.9	1252.1	1765.1	2365.3
BRH #1-4 CORE	155.6	4680.1	4190.1	1124.4	1449.4	730.9
AVERAGE	164.126	3367.556	3229.211	817.578	1131.252	1105.341
ST. DEV.	84.145	2303.110	2260.288	472.544	662.966	904.982
%RSD	51.269	68.391	69.995	57.798	58.605	81.874
MIN	51.773	701.873	649.756	210.054	229.528	251.923
MAX	249.450	5800.380	5832.920	1252.050	1765.080	2365.260
n	4	4	4	4	4	4
BRH Jar4 0.5cm filtered swater						
BRH CLAY1	248.29	3963.93	4369.37	907	1919.04	1242.99
BRH CLAY2	155.82	3918.93	4056.16	830.22	1569.83	939.84
BRH SILT1						
BRH SILT2	87.86	2094.91	2063.86	496.77	823.53	386.83
BRH SAND						

	1MP, %	FLA, %	PYR, %	BAA, %	CHR, %	BBF, %
BRH CLAY1	1.30	20.70	22.82	4.74	10.02	6.49
BRH CLAY2	0.87	21.97	22.74	4.65	8.80	5.27
BRH SILT1						
BRH SILT2	0.88	21.02	20.71	4.98	8.26	3.88
BRH SAND						

	BKF, ng/g	BEP, ng/g	BAP, ng/g	PER, ng/g	INP, ng/g	DBA, ng/g
BRH PES2 Pip	23.4	28.6	9.2	2.0	0.0	8.6
BRH PES1 PIP	25.3	31.0	33.8	11.0	29.8	8.4
AVERAGE	24.360	29.797	21.520	6.478	14.905	8.496
ST. DEV.	1.372	1.631	17.423	6.367	21.079	0.121
%RSD	5.631	5.473	80.959	98.287	141.421	1.426
MIN	23.390	28.644	9.201	1.976	0.000	8.410
MAX	25.330	30.950	33.840	10.980	29.810	8.581
n	2	2	2	2	2	2
BRH PES1 CORE	178.9	203.4	204.5	58.1	168.4	64.3
BRH PES2 CORE	LOST	LOST	LOST	LOST	LOST	LOST
BRH PES#2 CORE	981.3	899.7	1088.8	808.4	1753.2	670.0
BRH #3 BULK CORE	1084.7	1701.7	1592.0	959.7	4701.2	258.9
BRH #1-4 CORE	1212.7	1127.3	1502.3	649.7	1346.6	267.0
AVERAGE	864.378	983.039	1096.909	618.996	1992.364	315.054
ST. DEV.	466.700	619.684	634.002	394.756	1926.916	254.526
%RSD	53.993	63.038	57.799	63.774	96.715	80.788
MIN	178.883	203.415	204.524	58.124	168.367	64.297
MAX	1212.720	1701.690	1592.020	959.710	4701.220	670.030
n	4	4	4	4	4	4
BRH Jar4 0.5cm filtered swater						
BRH CLAY1	1255.93	1484.98	1690.41	146.54	577.11	0
BRH CLAY2	1526.12	893.96	1641.68	330.32	804.69	0
BRH SILT1						
BRH SILT2	664.47	433.71	599.45	303.62	504.42	0
BRH SAND						

	BKF, %	BEP, %	BAP, %	PER, %	INP, %	DBA, %
BRH CLAY1	6.56	7.75	8.83	0.77	3.01	0.00
BRH CLAY2	8.55	5.01	9.20	1.85	4.51	0.00
BRH SILT1						
BRH SILT2	6.67	4.35	6.02	3.05	5.06	0.00
BRH SAND						

	BPE, ng/g	Σ PAHs, ng/g	Amt filt, g	C(MG)	H(MG)	N(MG)	C(mg/g)
BRH PES2 Pip	0.0	1811.83					
BRH PES1 PIP	3 .9	497.00					
AVERAGE	16.450	1154.42	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
ST. DEV.	23.264	929.73	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
%RSD	141.421	80.54	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
MIN	0.000	497.00	0.0000	0.000	0.000	0.000	
MAX	32.900	1811.83	0.0000	0.000	0.000	0.000	
n	2	2.00	0.0000	0.000	0.000	0.000	
BRH PES1 CORE	177.5	5964.09					
BRH PES2 CORE	LOST	LOST					
BRH PES#2 CORE	1671.3	18306.53					
BRH #3 BULK CORE	956.6	32590.91					
BRH #1-4 CORE	1303.6	23410.74	0.0120	0.674	0.205	0.080	56.338
AVERAGE	1027.246	20068.07	0.0120	0.674	0.205	0.080	
ST. DEV.	637.230	11105.86	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
%RSD	62.033	55.34	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
MIN	177.534	5964.09	0.0120	0.674	0.205	0.080	
MAX	1671.320	32590.91	0.0120	0.674	0.205	0.080	
n	4	4.00	1.0000	1.000	1.000	1.000	
BRH Jar4 0.5cm filtered swater		0.00					
BRH CLAY1	0	19149.30					
BRH CLAY2	0	17840.00					
BRH SILT1			0.0033	0.192	0.004	0.024	58.182
BRH SILT2	462.26	9965.48	0.0036	0.237	0.051	0.028	65.833
BRH SAND			0.0114	0.947	0.199	0.097	83.044

	BPE, %	Σ PAHs, %
BRH CLAY1	0.00	100.00
BRH CLAY2	0.00	100.00
BRH SILT1		
BRH SILT2	4.64	100.00
BRH SAND		

	H(mg/g)	N(mg/g)	clay% 2-4μm(10-8Ø)	(silt) % 4-62μm(8-4Ø)	(vfine-med sand)% 62-300μm(4-1.75Ø)
BRH PES2 Pip					
BRH PES1 PIP					
AVERAGE			#DIV/0!	#DIV/0!	#DIV/0!
ST. DEV.			#DIV/0!	#DIV/0!	#DIV/0!
%RSD			#DIV/0!	#DIV/0!	#DIV/0!
MIN			0.000	0.000	0.000
MAX			0.000	0.000	0.000
n			0	0	0
BRH PES1 CORE					
BRH PES2 CORE					
BRH PES#2 CORE					
BRH #3 BULK CORE					
BRH #1-4 CORE	17.135	6.670			
AVERAGE			#DIV/0!	#DIV/0!	#DIV/0!
ST. DEV.			#DIV/0!	#DIV/0!	#DIV/0!
%RSD			#DIV/0!	#DIV/0!	#DIV/0!
MIN			0.000	0.000	0.000
MAX			0.000	0.000	0.000
n			0	0	0
BRH Jar4 0.5cm			3.26	85.19	11.55
filtered swater			6.02	93.98	0.00
BRH CLAY1					
BRH CLAY2					
BRH SILT1	1.121	7.121	9.07	88.09	2.84
BRH SILT2	14.111	7.694	4.66	69.86	25.48
BRH SAND	17.491	8.500	1.83	48.53	49.64
BRH CLAY1					
BRH CLAY2					
BRH SILT1					
BRH SILT2					
BRH SAND					

	% sum	µm mode	µm med	µm x(vm)	µm SD(vm)	% conf
BRH PES2 Pip	0.00					
BRH PES1 PIP						
AVERAGE	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
ST. DEV.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0 00	0.00	0.00	0.00
n	1.00	0.00	0.00	0.00	0.00	0.00
BRH PES1 CORE						
BRH PES2 CORE						
BRH PES#2 CORE						
BRH #3 BULK CORE						
BRH #1-4 CORE						
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
ST. DEV.	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
%RSD	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00
n	0.00	0.00	0.00	0.00	0.00	0.00
BRH Jar4 0.5cm	100.00	25.56	19.19	29.49	30.32	100.00
filtered swater	100.00					
BRH CLAY1						
BRH CLAY2						
BRH SILT1	100.00	10.50	9.40	14.66	17.49	100.00
BRH SILT2	100.00	18.30	22.49	44.71	48.71	99.99
BRH SAND	100.00	135.82	61.30	81.61	67.82	100.00
BRH CLAY1						
BRH CLAY2						
BRH SILT1						
BRH SILT2						
BRH SAND						

APPENDIX 7. DISSOLVED PHASE DATA

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	Amt filtered, mL	CB008, ng	CB018, ng	CB029, ng	CB050, ng
BRH PES1 DISS 0ORG	0	100	0.15	0.09	0.00	0.02
BRH PES1 DISS 2ORG	2	200	0.72	0.60	0.33	0.80
BRH PES1 DISS 3ORG	3	200	0.09	0.06	0.00	0.00
Data not corrected for blanks						
			CB008, ng/L	CB018, ng/L	CB029, ng/L	CB050, ng/L
BRH PES1 DISS 0ORG	0	100	1.45	0.91	0.00	0.20
BRH PES1 DISS 2ORG	2	200	3.58	2.99	1.66	3.99
BRH PES1 DISS 3ORG	3	200	0.45	0.30	0.00	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng
BRH PES1 DISS 0ORG	0	0.18	0.11	0.22	0.08	0.24
BRH PES1 DISS 2ORG	2	0.73	0.45	0.31	0.53	1.09
BRH PES1 DISS 3ORG	3	0.11	0.10	0.00	0.08	0.11
Data not corrected for blanks						
		CB028, ng/L	CB052, ng/L	CB104, ng/L	CB044, ng/L	CB066, ng/L
BRH PES1 DISS 0ORG	0	1.75	1.10	2.17	0.80	2.44
BRH PES1 DISS 2ORG	2	3.65	2.27	1.55	2.67	5.47
BRH PES1 DISS 3ORG	3	0.54	0.48	0.00	0.42	0.55

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
BRH PES1 DISS 0ORG	0	0.04	0.02	0.03	0.01	0.03
BRH PES1 DISS 2ORG	2	2.55	0.56	0.62	0.16	0.64
BRH PES1 DISS 3ORG	3	0.04	0.01	0.03	0.01	0.06
Data not corrected for blanks						
		CB101, ng/L	CB087, ng/L	CB077, ng/L	CB154, ng/L	CB118, ng/L
BRH PES1 DISS 0ORG	0	0.44	0.22	0.31	0.08	0.28
BRH PES1 DISS 2ORG	2	12.77	2.81	3.08	0.82	3.22
BRH PES1 DISS 3ORG	3	0.22	0.07	0.15	0.04	0.28

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	CB188, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng
BRH PES1 DISS 0ORG	0	0.00	0.06	0.02	0.04	0.00
BRH PES1 DISS 2ORG	2	0.34	2.73	0.76	0.60	0.00
BRH PES1 DISS 3ORG	3	0.00	3.33	0.03	0.03	0.00
Data not corrected for blanks						
		CB188, ng/L	CB153, ng/L	CB105, ng/L	CB138, ng/L	CB126, ng/L
BRH PES1 DISS 0ORG	0	0.00	0.60	0.22	0.35	0.00
BRH PES1 DISS 2ORG	2	1.69	13.67	3.80	3.02	0.00
BRH PES1 DISS 3ORG	3	0.00	16.65	0.17	0.14	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	CB187, ng	CB128, ng	CB200, ng	CB180, ng	CB170, ng
BRH PES1 DISS 0ORG	0	0.02	0.00	0.02	0.02	0.65
BRH PES1 DISS 2ORG	2	0.74	0.00	0.00	14.23	0.00
BRH PES1 DISS 3ORG	3	0.02	0.00	0.00	0.02	0.38

Data not corrected for blanks

		CB187, ng/L	CB128, ng/L	CB200, ng/L	CB180, ng/L	CB170, ng/L
BRH PES1 DISS 0ORG	0	0.23	0.04	0.20	0.24	6.46
BRH PES1 DISS 2ORG	2	3.68	0.00	0.00	71.13	0.00
BRH PES1 DISS 3ORG	3	0.10	0.00	0.02	0.10	1.91

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	HCB, ng
BRH PES1 DISS 0ORG	0	0.08	0.11	0.01	2.25	0.03
BRH PES1 DISS 2ORG	2	0.00	0.00	3.03	32.54	0.20
BRH PES1 DISS 3ORG	3	0.03	0.25	0.09	4.88	0.02
Data not corrected for blanks						
		CB195, ng/L	CB206, ng/L	CB209, ng/L	CB sum, ng/L	HCB, ng/L
BRH PES1 DISS 0ORG	0	0.84	1.08	0.12	22.54	0.31
BRH PES1 DISS 2ORG	2	0.00	0.00	15.17	162.71	1.00
BRH PES1 DISS 3ORG	3	0.13	1.25	0.44	24.40	0.12

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng
BRH PES1 DISS 0ORG	0	0.05	0.06	0.04	0.01
BRH PES1 DISS 2ORG	2	0.21	12.55	1.39	0.64
BRH PES1 DISS 3ORG	3	0.00	0.36	0.03	0.01
Data not corrected for blanks					
		HEPT, ng/L	ALDRIN, ng/L	OP'DDE, ng/L	DIELDRIN, ng/L
BRH PES1 DISS 0ORG	0	0.52	0.62	0.40	0.08
BRH PES1 DISS 2ORG	2	1.03	62.76	6.94	3.18
BRH PES1 DISS 3ORG	3	0.00	1.82	0.16	0.03

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng
BRH PES1 DISS 0ORG	0	0.02	0.00	0.00	0.00
BRH PES1 DISS 2ORG	2	0.56	0.00	0.00	0.00
BRH PES1 DISS 3ORG	3	0.03	0.00	0.00	0.00
Data not corrected for blanks					
		PP'DDE, ng/L	OP'DDD, ng/L	PP'DDD, ng/L	OP'DDT, ng/L
BRH PES1 DISS 0ORG	0	0.20	0.00	0.00	0.00
BRH PES1 DISS 2ORG	2	2.79	0.00	0.00	0.00
BRH PES1 DISS 3ORG	3	0.13	0.00	0.00	0.00

N A = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	MIREX, ng	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DMN, ng
BRH PES1 DISS 0ORG	0	0.09	712.62	0.29	0.53		6.26
BRH PES1 DISS 2ORG	2	0.00	309.00	0.83	0.93		5.32
BRH PES1 DISS 3ORG	3	0.64	682.76	0.65	0.00		4.62
Data not corrected for blanks							
		MIREX, ng/L	NAP, ng/L	2MN, ng/L	1MN, ng/L	BIP, ng/L	DMN, ng/L
BRH PES1 DISS 0ORG	0	0.91	7126.20	2.90	5.30	0.00	62.57
BRH PES1 DISS 2ORG	2	0.00	1545.00	4.15	4.65	0.00	26.60
BRH PES1 DISS 3ORG	3	3.21	3413.80	3.24	0.00	0.00	23.11

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	ACL, ng	ACT, ng	TMN, ng	FLU, ng	PHE, ng	ANT, ng
BRH PES1 DISS 0ORG	0	1.62	3.94	3.07	9.89	30.57	8.25
BRH PES1 DISS 2ORG	2	3.40	2.27	2.96	3.41	1.81	5.77
BRH PES1 DISS 3ORG	3	1.74	5.58	3.84	7.30	39.70	12.69
Data not corrected for blanks							
		ACL, ng/L	ACT, ng/L	TMN, ng/L	FLU, ng/L	PHE, ng/L	ANT, ng/L
BRH PES1 DISS 0ORG	0	16.18	39.38	30.66	98.89	305.70	82.53
BRH PES1 DISS 2ORG	2	17.00	11.35	14.80	17.05	9.05	28.85
BRH PES1 DISS 3ORG	3	8.71	27.88	19.21	36.50	198.50	63.47

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng
BRH PES1 DISS 0ORG	0	4.26	0.00	0.00	2.88	0.00	7.69
BRH PES1 DISS 2ORG	2	0.00	0.00	0.00	2.78	0.00	7.90
BRH PES1 DISS 3ORG	3	9.35	3.73	6.63	3.13	0.00	7.68
Data not corrected for blanks							
		1MP, ng/L	FLA, ng/L	PYR, ng/L	BAA, ng/L	CHR, ng/L	BBF, ng/L
BRH PES1 DISS 0ORG	0	42.64	0.00	0.00	28.80	0.00	76.87
BRH FES1 DISS 2ORG	2	0.00	0.00	0.00	13.90	0.00	39.50
BRH PES1 DISS 3ORG	3	46.74	18.65	33.15	15.65	0.00	38.40

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 1 Dissolved	Dynes/cm^2	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng
BRH PES1 DISS 0ORG	0	0.00	1.00	1.55	0.00	9.78	7.48
BRH PES1 DISS 2ORG	2	0.00	1.73	2.98	0.00	9.71	7.40
BRH PES1 DISS 3ORG	3	0.00	1.11	1.60	0.00	9.71	7.51
Data not corrected for blanks							
		BKF, ng/L	BEP, ng/L	BAP, ng/L	PER, ng/L	INP, ng/L	DBA, ng/L
BRH PES1 DISS 0ORG	0	0.00	10.01	15.45	0.00	97.84	74.75
BRH PES1 DISS 2ORG	2	0.00	8.65	14.90	0.00	48.55	37.00
BRH PES1 DISS 3ORG	3	0.00	5.57	8.01	0.00	48.55	37.54

N.A. = Not Available

BRH PES 1 Dissolved	Dynes/cm^2	BPE, ng	Σ PAHs, ng
BRH PES1 DISS 0ORG	0	7.74	819.41
BRH PES1 DISS 2ORG	2	7.74	375.94
BRH PES1 DISS 3ORG	3	7.75	817.09
Data not corrected for blanks			
		BPE, ng/L	Σ PAHs, ng/L
BRH PES1 DISS 0ORG	0	77.36	8194.05
BRH PES1 DISS 2ORG	2	38.70	1879.70
BRH PES1 DISS 3ORG	3	38.75	4085.44

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	Amt Filt, ml	CB008, ng	CB018, ng	CB029, ng	CB050, ng
BRH PES2 DISS 0 ORG	0	100	0.00	0.00	0.01	0.20
PES2 DISS2,1/2,2PT1	2	100	0.20	0.00	0.00	0.24
BRH2 2,2ORGDB	2	50	0.07	0.00	0.00	0.36
Average 2 dynes/cm^2			0.13	0.00	0.00	0.30
BRH2 3,1ORGDA	3	50	0.29	0.09	0.07	0.03
BRH 3,1ORGDB	3	50	0.00	0.00	0.00	0.04
BRH PES2 3,2ORGDA	3	50	0.00	0.00	0.00	0.03
BRH DISS 3,2 ORG DB	3	50	0.21	0.00	0.00	0.54
Average 3 dynes/cm^2			0.13	0.02	0.02	0.16
BRH DISS 4,1/4,2 COMBO	4	150	0.13	0.17	0.00	0.36

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	Amt Filt, ml	CB008, ng/L	CB018, ng/L	CB029, ng/L	CB050, ng/L
BRH PES2 DISS 0 ORG	0	100	0.00	0.00	0.10	2.00
PES2 DISS2,1/2,2PT1	2	100	2.01	0.00	0.00	2.37
BRH2 2,2ORGDB	2	50	1.37	0.00	0.00	7.16
Average 2 dynes/cm^2			1.69	0.00	0.00	4.76
BRH2 3,1ORGDA	3	50	5.84	1.77	1.38	0.63
BRH 3,1ORGDB	3	50	0.00	0.00	0.00	0.83
BRH PES2 3,2ORGDA	3	50	0.00	0.00	0.00	0.55
BRH DISS 3,2 ORG DB	3	50	4.24	0.00	0.00	10.85
Average 3 dynes/cm^2			2.52	0.44	0.35	3.22
BRH DISS 4,1/4,2 COMBO	4	150	0.89	1.15	0.00	2.39

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng
BRH PES2 DISS 0 ORG	0	0.17	0.07	0.19	0.70	0.13
PES2 DISS2,1/2,2PT1	2	0.16	0.11	0.00	0.00	0.00
BRH2 2,2ORGDB	2	0.09	0.22	0.11	0.10	0.15
Average 2 dynes/cm^2		0.12	0.16	0.06	0.05	0.07
BRH2 3,1ORGDA	3	0.07	0.12	0.25	0.14	0.04
BRH 3,1ORGDB	3	0.05	0.00	0.00	0.00	0.01
BRH PES2 3,2ORGDA	3	0.07	0.00	0.00	0.00	0.03
BRH DISS 3,2 ORG DB	3	0.65	0.07	0.00	0.00	0.00
Average 3 dynes/cm^2		0.21	0.05	0.06	0.03	0.02
BRH DISS 4,1/4,2 COMBO	4	0.07	0.33	0.00	0.17	0.17

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	CB028, ng/L	CB052, ng/L	CB104, ng/L	CB044, ng/L	CB066, ng/L
BRH PES2 DISS 0 ORG	0	1.70	0.70	1.90	7.00	1.30
PES2 DISS2,1/2,2PT1	2	1.59	1.12	0.00	0.00	0.00
BRH2 2,2ORGDB	2	1.77	4.31	2.22	1.93	2.91
Average 2 dynes/cm^2		1.68	2.72	1.11	0.96	1.45
BRH2 3,1ORGDA	3	1.33	2.44	4.99	2.76	0.84
BRH 3,1ORGDB	3	1.02	0.00	0.00	0.00	0.27
BRH PES2 3,2ORGDA	3	1.41	0.00	0.00	0.00	0.60
BRH DISS 3,2 ORG DB	3	13.06	1.32	0.00	0.00	0.00
Average 3 dynes/cm^2		4.21	0.94	1.25	0.69	0.43
BRH DISS 4,1/4,2 COMBO	4	0.43	2.18	0.00	1.16	1.14

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
BRH PES2 DISS 0 ORG	0	0.16	0.06	0.00	0.00	0.18
PES2 DISS2,1/2,2PT1	2	0.12	0.04	0.15	0.01	0.21
BRH2 2,2ORGDB	2	0.21	0.05	0.24	0.02	0.41
Average 2 dynes/cm^2		0.16	0.05	0.20	0.02	0.31
BRH2 3,1ORGDA	3	0.13	0.07	0.25	0.06	0.36
BRH 3,1ORGDB	3	0.04	0.01	0.05	0.00	0.10
BRH PES2 3,2ORGDA	3	0.16	0.00	0.10	0.01	0.34
BRH DISS 3,2 ORG DB	3	0.04	0.30	0.51	0.00	0.12
Average 3 dynes/cm^2		0.09	0.10	0.23	0.02	0.23
BRH DISS 4,1/4,2 COMBO	4	0.41	0.05	0.44	0.04	0.59

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	CB101, ng/L	CB087, ng/L	CB077, ng/L	CB154, ng/L	CB118, ng/L
BRH PES2 DISS 0 ORG	0	1.60	0.60	0.00	0.00	1.80
PES2 DISS2,1/2,2PT1	2	1.22	0.43	1.52	0.14	2.09
BRH2 2,2ORGDB	2	4.13	1.08	4.80	0.40	8.24
Average 2 dynes/cm^2		2.67	0.76	3.16	0.27	5.17
BRH2 3,1ORGDA	3	2.52	1.41	5.10	1.16	7.15
BRH 3,1ORGDB	3	0.75	0.28	1.09	0.10	2.00
BRH PES2 3,2ORGDA	3	3.30	0.00	2.07	0.27	6.81
BRH DISS 3,2 ORG DB	3	0.84	5.92	10.21	0.00	2.40
Average 3 dynes/cm^2		1.85	1.90	4.62	0.38	4.59
BRH DISS 4,1/4,2 COMBO	4	2.76	0.35	2.96	0.26	3.90

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	CB188, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng
BRH PES2 DISS 0 ORG	0	0.01	0.44	0.35	0.08	0.13
PES2 DISS2,1/2,2PT1	2	0.00	0.13	0.06	0.08	0.00
BRH2 2,2ORGDB	2	0.00	0.14	0.06	0.16	0.00
Average 2 dynes/cm^2		0.00	0.14	0.06	0.12	0.00
BRH2 3,1ORGDA	3	0.05	0.14	0.15	0.20	0.51
BRH 3,1ORGDB	3	0.00	0.03	0.02	0.16	0.01
BRH PES2 3,2ORGDA	3	0.00	0.07	0.11	0.05	0.03
BRH DISS 3,2 ORG DB	3	0.35	0.17	0.10	0.32	0.17
Average 3 dynes/cm^2		0.10	0.10	0.09	0.18	0.18
BRH DISS 4,1/4,2 COMBO	4	0.06	0.35	0.23	0.31	0.04

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	CB188, ng/L	CB153, ng/L	CB105, ng/L	CB138, ng/L	CB126, ng/L
BRH PES2 DISS 0 ORG	0	0.10	4.40	3.50	0.80	1.30
PES2 DISS2,1/2,2PT1	2	0.00	1.35	0.64	0.82	0.00
BRH2 2,2ORGDB	2	0.00	2.84	1.29	3.26	0.00
Average 2 dynes/cm^2		0.00	2.10	0.97	2.04	0.00
BRH2 3,1ORGDA	3	1.01	2.71	2.98	3.98	10.30
BRH 3,1ORGDB	3	0.00	0.65	0.39	3.27	0.25
BRH PES2 3,2ORGDA	3	0.00	1.46	2.13	0.95	0.61
BRH DISS 3,2 ORG DB	3	7.02	3.50	2.05	6.46	3.38
Average 3 dynes/cm^2		2.01	2.08	1.89	3.67	1.64
BRH DISS 4,1/4,2 COMBO	4	0.40	2.32	1.55	2.07	0.24

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	CB187, ng	CB128, ng	CB200, ng	CB180, ng	CB170, ng
BRH PES2 DISS 0 ORG	0	0.60	0.01	0.61	0.00	0.00
PES2 DISS2,1/2,2PT1	2	0.06	0.00	0.00	0.05	0.05
BRH2 2,2ORGDB	2	0.05	0.06	0.00	0.07	0.15
Average 2 dynes/cm^2		0.05	0.03	0.00	0.06	0.10
BRH2 3,1ORGDA	3	0.39	0.22	0.04	0.11	0.15
BRH 3,1ORGDB	3	0.04	0.00	0.01	0.02	0.00
BRH PES2 3,2ORGDA	3	0.05	0.00	0.00	0.05	0.05
BRH DISS 3,2 ORG DB	3	0.33	0.06	0.00	0.09	0.13
Average 3 dynes/cm^2		0.20	0.07	0.01	0.07	0.08
BRH DISS 4,1/4,2 COMBO	4	0.11	0.05	0.02	0.15	0.08

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	CB187, ng/L	CB128, ng/L	CB200, ng/L	CB180, ng/L	CB170, ng/L
BRH PES2 DISS 0 ORG	0	6.00	0.10	6.10	0.00	0.00
PES2 DISS2,1/2,2PT1	2	0.55	0.00	0.00	0.52	0.48
BRH2 2,2ORGDB	2	0.99	1.10	0.00	1.30	3.01
Average 2 dynes/cm^2		0.77	0.55	0.00	0.91	1.75
BRH2 3,1ORGDA	3	7.80	4.48	0.84	2.14	3.05
BRH 3,1ORGDB	3	0.84	0.00	0.10	0.36	0.00
BRH PES2 3,2ORGDA	3	1.10	0.00	0.00	0.97	1.01
BRH DISS 3,2 ORG DB	3	6.53	1.20	0.00	1.85	2.60
Average 3 dynes/cm^2		4.07	1.42	0.23	1.33	1.67
BRH DISS 4,1/4,2 COMBO	4	0.71	0.31	0.11	1.00	0.51

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	HCB, ng
BRH PES2 DISS 0 ORG	0	0.73	0.78	0.67	6.28	0.00
PES2 DISS2,1/2,2PT1	2	0.06	0.17	0.00	1.92	1.26
BRH2 2,2ORGDB	2	0.00	0.06	0.00	3.64	0.71
Average 2 dynes/cm^2		0.03	0.12	0.00	2.78	0.99
BRH2 3,1ORGDA	3	0.07	0.60	0.07	4.66	0.83
BRH 3,1ORGDB	3	0.02	0.09	0.01	0.73	0.00
BRH PES2 3,2ORGDA	3	0.04	0.10	0.00	1.30	2.80
BRH DISS 3,2 ORG DB	3	0.03	0.15	0.01	5.09	0.00
Average 3 dynes/cm^2		0.04	0.23	0.02	2.95	0.91
BRH DISS 4,1/4,2 COMBO	4	0.06	0.13	0.03	4.52	0.44

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	CB195, ng/L	CB206, ng/L	CB209, ng/L	CB sum, ng/L	HCB, ng/L
BRH PES2 DISS 0 ORG	0	7.30	7.80	6.70	62.80	0.00
PES2 DISS2,1/2,2PT1	2	0.59	1.74	0.00	19.18	12.62
BRH2 2,2ORGDB	2	0.00	1.23	0.00	72.75	14.28
Average 2 dynes/cm^2		0.30	1.48	0.00	45.97	13.45
BRH2 3,1ORGDA	3	1.34	11.93	1.43	93.29	16.66
BRH 3,1ORGDB	3	0.37	1.80	0.16	14.54	0.00
BRH PES2 3,2ORGDA	3	0.82	1.97	0.00	26.02	56.90
BRH DISS 3,2 ORG DB	3	0.65	3.00	0.12	101.86	0.00
Average 3 dynes/cm^2		0.79	4.67	0.43	58.93	18.17
BRH DISS 4,1/4,2 COMBO	4	0.41	0.90	0.22	30.11	2.95

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PeS 2 Dissolved	Dynes/cm^2	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng
BRH PES2 DISS 0 ORG	0	0.00	0.26	0.00	0.00
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00
BRH2 2,2ORGDB	2	0.00	0.00	0.00	0.04
Average 2 dynes/cm^2		0.00	0.00	0.00	0.02
BRH2 3,1ORGDA	3	0.00	0.00	0.00	0.05
BRH 3,1ORGDB	3	0.00	0.00	0.00	0.09
BRH PES2 3,2ORGDA	3	0.00	0.00	0.22	0.00
BRH DISS 3,2 ORG DB	3	0.00	0.00	0.00	0.75
Average 3 dynes/cm^2		0.00	0.00	0.06	0.22
BRH DISS 4,1/4,2 COMBO	4	0.00	0.00	0.18	0.25

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	HEPT, ng/L	ALDRIN, ng/L	OP'DDE, ng/L	DIELDRIN, ng/L
BRH PES2 DISS 0 ORG	0	0.00	2.60	0.00	0.00
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00
BRH2 2,2ORGDB	2	0.00	0.00	0.00	0.83
Average 2 dynes/cm^2		0.00	0.00	0.00	0.42
BRH2 3,1ORGDA	3	0.00	0.00	0.00	1.06
BRH 3,1ORGDB	3	0.00	0.00	0.00	1.75
BRH PES2 3,2ORGDA	3	0.00	0.00	4.50	0.00
BRH DISS 3,2 ORG DB	3	0.00	0.00	0.00	15.06
Average 3 dynes/cm^2		0.00	0.00	1.12	4.47
BRH DISS 4,1/4,2 COMBO	4	0.00	0.00	1.20	1.54

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng
BRH PES2 DISS 0 ORG	0	0.00	0.00	0.22	0.23
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00
BRH2 2,2ORGDB	2	0.00	0.00	0.00	0.00
Average 2 dynes/cm^2		0.00	0.00	0.00	0.00
BRH2 3,1ORGDA	3	0.00	0.00	0.07	0.06
BRH 3,1ORGDB	3	0.00	0.00	0.00	0.00
BRH PES2 3,2ORGDA	3	0.00	0.00	0.00	0.00
BRH DISS 3,2 ORG DB	3	0.00	0.00	1.62	0.71
Average 3 dynes/cm^2		0.00	0.00	0.42	0.19
BRH DISS 4,1/4,2 COMBO	4	0.00	0.00	0.09	0.00

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	PP'DDE, ng/L	OP'DDD, ng/L	PP'DDD, ng/L	OP'DDT, ng/L
BRH PES2 DISS 0 ORG	0	0.00	0.00	2.20	2.30
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00
BRH2 2,2ORGDB	2	0.00	0.00	0.00	0.00
Average 2 dynes/cm^2		0.00	0.00	0.00	0.00
BRH2 3,1ORGDA	3	0.00	0.00	1.44	1.22
BRH 3,1ORGDB	3	0.00	0.00	0.00	0.00
BRH PES2 3,2ORGDA	3	0.00	0.00	0.00	0.00
BRH DISS 3,2 ORG DB	3	0.00	0.00	32.45	14.20
Average 3 dynes/cm^2		0.00	0.00	8.47	3.85
BRH DISS 4,1/4,2 COMBO	4	0.00	0.00	0.61	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Orgsnics

BRH PES 2 Dissolved	Dynes/cm^2	MIREX, ng	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DMN, ng
BRH PES2 DISS 0 ORG	0	0.30	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	25.38	4.88	3.80	0.00	0.00
BRH2 2,2ORGDB	2	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	25.38	4.88	3.80	0.00	0.00
BRH2 3,1ORGDA	3	0.03	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	0.02	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	0.00	13.20	7.58	0.00	0.00	0.00
Average 3 dynes/cm^2		0.01	13.20	7.58	0.00	0.00	0.00
BRH DISS 4,1/4,2 COMBO	4	0.00	23.80	0.00	0.00	11.84	15.17

Data not corrected for blanks

BKH PES 2 Dissolved	Dynes/cm^2	MIREX, ng/L	NAP, ng/L	2MN, ng/L	1MN, ng/L	BIP, ng/L	DMN, ng/L
BRH PES2 DISS 0 ORG	0	3.00	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	253.80	48.80	38.00	0.00	0.00
BRH2 2,2ORGDB	2	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	253.80	48.80	38.00	0.00	0.00
BRH2 3,1ORGDA	3	0.58	N.A.	N.A.	N.A	N.A.	N.A.
BRH 3,1ORGDB	3	0.44	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	0.00	264.00	151.60	0.00	0.00	0.00
Average 3 dynes/cm^2		0.26	264.00	151.60	0.00	0.00	0.00
BRH DISS 4,1/4,2 COMBO	4	0.00	158.67	0.00	0.00	78.93	101.13

N.A. = Not Available

BRH PES 2 Dissolved	Dynes/cm^2	ACL, ng	ACT, ng	TMN, ng	FLU, ng	PHE, ng	ANT, ng
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	13.83	6.12	5.25	15.52	0.54
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	13.83	6.12	5.25	15.52	0.54
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	0.00	0.00	9.34	0.00	3.89	0.00
Average 3 dynes/cm^2		0.00	0.00	9.34	0.00	3.89	0.00
BRH DISS 4,1/4,2 COMBO	4	11.67	22.37	65.06	6.04	34.61	48.44

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	ACL, ng/L	ACT, ng/L	TMN, ng/L	FLU, ng/L	PHE, ng/L	ANT, ng/L
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	138.30	61.20	52.50	155.20	5.40
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	138.30	61.20	52.50	155.20	5.40
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	0.00	0.00	186.80	0.00	77.80	0.00
Average 3 dynes/cm^2		0.00	0.00	186.80	0.00	77.80	0.00
BRH DISS 4,1/4,2 COMBO	4	77.80	149.13	433.73	40.27	230.73	322.93

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	1.81	19.30	14.70	0.00	0.00	0.00
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		1.81	19.30	14.70	0.00	0.00	0.00
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	0.27	5.37	4.73	0.40	0.51	0.00
Average 3 dynes/cm^2		0.27	5.37	4.73	0.40	0.51	0.00
BRH DISS 4,1/4,2 COMBO	4	12.90	40.69	40.02	4.23	11.54	15.34

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	1MP, ng/L	FLA, ng/L	PYR, ng/L	BAA, ng/L	CHR, ng/L	BBF, ng/L
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	18.10	193.00	147.00	0.00	0.00	0.00
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		18.10	193.00	147.00	0.00	0.00	0.00
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	5.40	107.40	94.60	8.00	10.20	0.00
Average 3 dynes/cm^2		5.40	107.40	94.60	8.00	10.20	0.00
BRH DISS 4,1/4,2 COMBO	4	86.00	271.27	266.80	28.20	76.93	102.27

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00	0.00	11.19
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	0.00	0.00	0.00	0.00	11.19
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	11.92	19.17	7.67	1.30	1.04	4.75
Average 3 dynes/cm^2		11.92	19.17	7.67	1.30	1.04	4.75
BRH DISS 4,1/4,2 COMBO	4	9.44	21.18	1.04	2.28	0.00	11.27

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	BKF, ng/L	BEP, ng/L	BAP, ng/L	PER, ng/L	INP, ng/L	DBA, ng/L
BRH PES2 DISS 0 ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	0.00	0.00	0.00	0.00	111.90
BRH2 2,2ORGDB	2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average 2 dynes/cm^2		0.00	0.00	0.00	0.00	0.00	111.90
BRH2 3,1ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	238.40	383.40	153.40	26.00	20.80	95.00
Average 3 dynes/cm^2		238.40	383.40	153.40	26.00	20.80	95.00
BRH DISS 4,1/4,2 COMBO	4	62.93	141.20	6.93	15.20	0.00	75.13

N. A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 2 Dissolved	Dynes/cm^2	BPE, ng	Σ PAHs, ng
BRH PES2 DISS 0 ORG	0	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	122.3
BRH2 2,2ORGDB	2	N.A.	N.A.
Average 2 dynes/cm^2		0.00	122.32
BRH2 3,1ORGDA	3	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	1.96	93.1
Average 3 dynes/cm^2		1.96	93.10
BRH DISS 4,1/4,2 COMBO	4	3.86	412.8

Data not corrected for blanks

BRH PES 2 Dissolved	Dynes/cm^2	BPE, ng/L	Σ PAHs, ng/L
BRH PES2 DISS 0 ORG	0	N.A.	N.A.
PES2 DISS2,1/2,2PT1	2	0.00	1223.20
BRH2 2,2ORGDB	2	N.A.	N.A.
Average 2 dynes/cm^2		0.00	1223.20
BRH2 3,1ORGDA	3	N.A.	N.A.
BRH 3,1ORGDB	3	N.A.	N.A.
BRH PES2 3,2ORGDA	3	N.A.	N.A.
BRH DISS 3,2 ORG DB	3	39.20	1862.00
Average 3 dynes/cm^2		39.20	1862.00
BRH DISS 4,1/4,2 COMBO	4	25.73	2751.93

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	Amt filt, mL	CB008, ng	CB018, ng	CB029, ng	CB050, ng
BRH PES3 DISS 0ORG	0	100	0.09	0.24	0.11	0.10
BRH PES3 DISS 2ORG	2	200	0.19	0.30	0.66	2.01
BRH PES3 DISS 3ORG	3	200	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	100	0.06	0.17	0.03	0.00
BRH PES3 DISS 5,1-A	5	25	0.15	0.00	0.00	0.01
BRH PES3 DISS 5,1-B	5	25	0.00	0.00	0.00	0.05
BRH PES3 DISS 5,2-A	5	25	0.13	0.09	0.18	0.10
BRH PES3 DISS 5,2-B	5	25	0.05	0.00	0.00	0.04

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	Amt filt, mL	CB008, ng/L	CB018, ng/L	CB029, ng/L	CB050, ng/L
BRH PES3 DISS 0ORG	0	100	0.88	2.37	1.13	1.01
BRH PES3 DISS 2ORG	2	200	0.97	1.50	3.28	10.06
BRH PES3 DISS 3ORG	3	200	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	100	0.60	1.71	0.29	0.00
BRH PES3 DISS 5,1-A	5	25	5.90	0.00	0.00	0.57
BRH PES3 DISS 5,1-B	5	25	0.00	0.00	0.00	1.98
BRH PES3 DISS 5,2-A	5	25	5.14	3.63	7.23	3.92
BRH PES3 DISS 5,2-B	5	25	2.18	0.00	0.00	1.47

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng
BRH PES3 DISS 0ORG	0	0.26	0.12	0.50	0.09	0.16
BRH PES3 DISS 2ORG	2	4.82	1.08	1.41	0.90	0.24
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.07	0.08	0.25	0.05	0.17
BRH PES3 DISS 5,1-A	5	0.05	0.24	0.00	0.00	0.03
BRH PES3 DISS 5,1-B	5	0.14	0.06	0.00	0.00	0.00
BRH PES3 DISS 5,2-A	5	0.14	0.23	0.16	0.25	0.15
BRH PES3 DISS 5,2-B	5	0.12	0.04	0.00	0.00	0.05

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	CB028, ng/L	CB052, ng/L	CB104, ng/L	CB044, ng/L	CB066, ng/L
BRH PES3 DISS 0ORG	0	2.61	1.25	4.96	0.91	1.61
BRH PES3 DISS 2ORG	2	24.11	5.41	7.04	4.49	1.18
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.68	0.84	2.46	0.47	1.69
BRH PES3 DISS 5,1-A	5	1.87	9.49	0.00	0.00	1.00
BRH PES3 DISS 5,1-B	5	5.77	2.28	0.00	0.00	0.00
BRH PES3 DISS 5,2-A	5	5.40	9.00	6.49	9.85	6.11
BRH PES3 DISS 5,2-B	5	4.87	1.59	0.00	0.00	2.02

N.A. = Not Available

BRH PES 3 Dissolved	Dynes/cm^2	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
BRH PES3 DISS 0ORG	0	0.08	0.03	0.05	0.01	0.06
BRH PES3 DISS 2ORG	2	0.21	0.03	0.16	0.04	0.76
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.06	0.03	0.05	0.01	0.07
BRH PES3 DISS 5,1-A	5	0.06	0.00	0.07	0.01	0.10
BRH PES3 DISS 5,1-B	5	0.05	0.02	0.08	0.01	0.14
BRH PES3 DISS 5,2-A	5	0.14	0.10	0.16	0.08	0.30
BRH PES3 DISS 5,2-B	5	0.06	0.03	0.13	0.01	0.28

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	CB101, ng/L	CB087, ng/L	CB077, ng/L	CB154, ng/L	CB118, ng/L
BRH PES3 DISS 0ORG	0	0.82	0.28	0.55	0.15	0.57
BRH PES3 DISS 2ORG	2	1.06	0.17	0.82	0.22	3.82
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.62	0.28	0.51	0.14	0.74
BRH PES3 DISS 5,1-A	5	2.20	0.00	2.97	0.28	4.11
BRH PES3 DISS 5,1-B	5	2.13	0.81	3.18	0.29	5.67
BRH PES3 DISS 5,2-A	5	5.75	3.92	6.51	3.39	11.83
BRH PES3 DISS 5,2-B	5	2.58	1.31	5.29	0.48	11.20

N.A. = Not Available

BRH PES 3 Dissolved	Dynes/cm^2	CB188, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng
BRH PES3 DISS 0ORG	0	0.00	0.15	0.01	0.05	0.00
BRH PES3 DISS 2ORG	2	0.07	0.65	0.18	0.13	0.00
BRH PES3 DISS 3ORG	3	0.00	0.17	0.05	0.00	0.00
BRH PES3 DISS 40RG	4	0.00	0.32	0.09	0.06	0.00
BRH PES3 DISS 5,1-A	5	0.00	0.05	0.02	0.03	0.00
BRH PES3 DISS 5,1-B	5	0.00	0.06	0.03	0.07	0.00
BRH PES3 DISS 5,2-A	5	0.06	0.14	0.13	0.13	0.14
BRH PES3 DISS 5,2-B	5	0.00	0.08	0.08	0.07	0.00

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	CB188, ng/L	CB153, ng/L	CB105, ng/L	CB138, ng/L	CB126, ng/L
BRH PES3 DISS 0ORG	0	0.00	1.52	0.11	0.54	0.00
BRH PES3 DISS 2ORG	2	0.36	3.25	0.90	0.67	0.00
BRH PES3 DISS 3ORG	3	0.00	0.86	0.24	0.00	0.00
BRH PES3 DISS 40RG	4	0.05	3.23	0.90	0.60	0.00
BRH PES3 DISS 5,1-A	5	0.00	2.11	0.99	1.27	0.00
BRH PES3 DISS 5,1-B	5	0.00	2.60	1.37	2.78	0.00
BRH PES3 DISS 5,2-A	5	2.45	5.80	5.28	5.22	5.79
BRH PES3 DISS 5,2-B	5	0.00	3.32	3.11	2.61	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	CB187, ng	CB128, ng	CB200, ng	CB180, ng	CB170, ng
BRH PES3 DISS 0ORG	0	0.04	0.01	0.03	0.06	0.60
BRH PES3 DISS 2ORG	2	0.11	0.03	0.05	0.14	28.50
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	0.82
BRH PES3 DISS 40RG	4	0.05	0.01	0.02	0.04	0.87
BRH PES3 DISS 5,1-A	5	0.02	0.00	0.00	0.03	0.03
BRH PES3 DISS 5,1-B	5	0.02	0.01	0.00	0.03	0.05
BRH PES3 DISS 5,2-A	5	0.12	0.14	0.05	0.11	0.15
BRH PES3 DISS 5,2-B	5	0.05	0.00	0.00	0.05	0.05

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	CB187, ng/L	CB128, ng/L	CB200, ng/L	CB180, ng/L	CB170, ng/L
BRH PES3 DISS 0ORG	0	0.38	0.13	0.34	0.61	6.05
BRH PES3 DISS 2ORG	2	0.54	0.16	0.24	0.72	142.50
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00	4.09
BRH PES3 DISS 40RG	4	0.45	0.10	0.22	0.41	8.67
BRH PES3 DISS 5,1-A	5	0.97	0.00	0.00	1.15	1.29
BRH PES3 DISS 5,1-B	5	0.65	0.28	0.00	1.13	2.11
BRH PES3 DISS 5,2-A	5	4.96	5.41	2.06	4.54	6.16
BRH PES3 DISS 5,2-B	5	1.80	0.00	0.00	2.12	1.88

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	HCB, ng
BRH PES3 DISS 0ORG	0	0.53	0.00	0.87	4.28	0.01
BRH PES3 DISS 2ORG	2	0.91	1.25	1.52	46.39	0.12
BRH PES3 DISS 3ORG	3	0.07	0.00	0.00	1.11	0.00
BRH PES3 DISS 40RG	4	0.13	0.11	0.33	3.13	0.01
BRH PES3 DISS 5,1-A	5	0.03	0.09	0.01	1.03	0.71
BRH PES3 DISS 5,1-B	5	0.03	0.09	0.00	0.94	0.46
BRH PES3 DISS 5,2-A	5	0.08	0.14	0.06	3.68	0.30
BRH PES3 DISS 5,2-B	5	0.04	0.11	0.00	1.35	0.88

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	CB195, ng/L	CB206, ng/L	CB209, ng/L	CB sum, ng/L	HCB, ng/L
BRH PES3 DISS 0ORG	0	5.31	0.00	8.71	42.76	0.07
BRH PES3 DISS 2ORG	2	4.55	6.27	7.62	231.93	0.61
BRH PES3 DISS 3ORG	3	0.34	0.00	0.00	5.53	0.00
BRH PES3 DISS 40RG	4	1.26	1.05	3.32	31.28	0.08
BRH PES3 DISS 5,1-A	5	1.03	3.42	0.59	41.19	28.39
BRH PES3 DISS 5,1-B	5	1.18	3.41	0.00	37.62	18.32
BRH PES3 DISS 5,2-A	5	3.21	5.61	2.35	147.03	11.95
BRH PES3 DISS 5,2-B	5	1.72	4.32	0.00	53.90	35.37

N.A. = Not Available

BRH PES 3 Dissolved	Dynes/cm^2	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng
BRH PES3 DISS 0ORG	0	0.00	0.04	0.06	0.01
BRH PES3 DISS 2ORG	2	0.00	19.03	0.15	0.05
BRH PES3 DISS 3ORG	3	0.00	0.36	0.00	0.00
BRH PES3 DISS 40RG	4	0.02	0.06	0.04	0.01
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	0.00	0.00	0.00	0.02
BRH PES3 DISS 5,2-A	5	0.00	0.18	0.08	0.00
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.02

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	HEPT, ng/L	ALDRIN, ng/L	OP'DDE, ng/L	DIELDRIN, ng/L
BRH PES3 DISS 0ORG	0	0.00	0.39	0.60	0.11
BRH PES3 DISS 2ORG	2	0.00	95.17	0.74	0.24
BRH PES3 DISS 3ORG	3	0.00	1.82	0.00	0.00
BRH PES3 DISS 40RG	4	0.20	0.62	0.41	0.11
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	0.00	0.00	0.00	0.61
BRH PES3 DISS 5,2-A	5	0.00	7.33	3.01	0.00
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.97

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	PP'DDE, ng	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng
BRH PES3 DISS 0ORG	0	0.04	0.00	0.00	0.00
BRH PES3 DISS 2ORG	2	0.14	0.00	0.00	0.00
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.02	0.00	0.00	0.00
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,2-A	5	0.08	0.00	0.08	0.05
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.00

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	PP'DDE, ng/L	OP'DDD, ng/L	PP'DDD, ng/L	OP'DDT, ng/L
BRH PES3 DISS 0ORG	0	0.36	0.00	0.00	0.00
BRH PES3 DISS 2ORG	2	0.70	0.00	0.00	0.00
BRH PES3 DISS 3ORG	3	0.00	0.00	0.00	0.00
BRH PES3 DISS 40RG	4	0.24	0.00	0.00	0.00
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	0.00	0.00	0.00	0.00
BRH PES3 DISS 5,2-A	5	3.40	0.00	3.31	2.03
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	MIREX, ng	NAP, ng	2MN, ng	1MN, ng	BIP, ng	DMN, ng
BRH PES3 DISS 0ORG	0	0.64	394.84	0.00	0.00		5.44
BRH PES3 DISS 2ORG	2	3.56	892.08	1.12	4.18		6.92
BRH PES3 DISS 3ORG	3	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	0.77	737.92	0.94	1.51		4.33
BRH PES3 DISS 5,1-A	5	0.00	2.63	2.23	5.03	0.00	1.83
BRH PES3 DISS 5,1-B	5	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.02	37.35	4.50	3.37	1.66	1.81
BRH PES3 DISS 5,2-B	5	0.00	7.34	1.11	0.00	0.91	0.00

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	MIREX, ng/L	NAP, ng/L	2MN, ng/L	1MN, ng/L	BIP, ng/L	DMN, ng/L
BRH PES3 DISS 0ORG	0	6.36	3948.40	0.00	0.00	0.00	54.40
BRH PES3 DISS 2ORG	2	17.78	4460.41	5.59	20.91	0.00	34.60
BRH PES3 DISS 3ORG	3	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	7.65	7379.20	9.42	15.10	0.00	43.32
BRH PES3 DISS 5,1-A	5	0.00	105.20	89.20	201.20	0.00	73.20
BRH PES3 DISS 5,1-B	5	0.00	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.93	1494.00	180.00	134.80	66.40	72.40
BRH PES3 DISS 5,2-B	5	0.00	293.60	44.40	0.00	36.40	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	ACL, ng	ACT, ng	TMN, ng	FLU, ng	PHE, ng	ANT, ng
BRH PES3 DISS 0ORG	0	2.02	5.55	5.07	3.37	3.82	4.14
BRH PES3 DISS 2ORG	2	6.64	10.01	5.25	7.04	33.39	17.98
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	2.64	3.20	3.74	5.74	26.79	9.35
BRH PES3 DISS 5,1-A	5	0.00	2.78	9.78	0.89	2.64	0.88
BRH PES3 DISS 5,1-B	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.00	1.21	9.55	0.48	2.55	0.12
BRH PES3 DISS 5,2-B	5	0.00	3.86	5.94	0.32	3.95	0.18

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	ACL, ng/L	ACT, ng/L	TMN, ng/L	FLU, ng/L	PHE, ng/L	ANT, ng/L
BRH PES3 DISS 0ORG	0	20.20	55.50	50.70	33.70	38.20	41.40
BRH PES3 DISS 2ORG	2	33.21	50.07	26.27	35.18	166.93	89.92
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	26.44	32.05	37.37	57.37	267.90	93.51
BRH PES3 DISS 5,1-A	5	0.00	111.20	391.20	35.60	105.60	35.20
BRH PES3 DISS 5,1-B	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.00	48.40	382.00	19.20	102.00	4.80
BRH PES3 DISS 5,2-B	5	0.00	154.40	237.60	12.80	158.00	7.20

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	1MP, ng	FLA, ng	PYR, ng	BAA, ng	CHR, ng	BBF, ng
BRH PES3 DISS 0ORG	0	11.54	0.00	0.77	2.99	0.00	7.83
BRH PES3 DISS 2ORG	2	15.24	3.12	9.59	3.56	0.00	8.55
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	3.95	0.12	2.71	2.78	0.00	7.79
BRH PES3 DISS 5,1-A	5	0.00	2.23	1.10	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.00	2.50	2.17	0.00	0.17	0.70
BRH PES3 DISS 5,2-B	5	0.19	4.61	3.75	0.00	0.00	0.00

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	1MP, ng/L	FLA, ng/L	PYR, ng/L	BAA, ng/L	CHR, ng/L	BBF, ng/L
BRH PES3 DISS 0ORG	0	115.40	0.00	7.70	29.90	0.00	78.30
BRH PES3 DISS 2ORG	2	76.20	15.60	47.96	17.80	0.00	43.27
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	39.51	1.20	27.10	27.80	0.00	77.86
BRH PES3 DISS 5,1-A	5	0.00	89.20	44.00	0.00	0.00	0.00
BRH PES3 DISS 5,1-B	5	N.A.	N.A	N.A.	N.A.	N.A	N.A.
BRH PES3 DISS 5,2-A	5	0 00	100.00	86.80	0.00	6.80	28.00
BRH PES3 DISS 5,2-B	5	7.60	184.40	150.00	0.00	0.00	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

BRH PES 3 Dissolved	Dynes/cm^2	BKF, ng	BEP, ng	BAP, ng	PER, ng	INP, ng	DBA, ng
BRH PES3 DISS 0ORG	0	0.00	1.63	2.00	0.00	9.71	7.40
BRH PES3 DISS 2ORG	2	0.00	2.98	4.47	0.00	10.64	7.40
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	0.00	1.00	1.52	0.00	9.71	7.40
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00	0.00	31.19
BRH PES3 DISS 5,1-B	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.43	0.82	0.40	0.60	0.00	3.26
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.00	0.00	13.66

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	BKF, ng/L	BEP, ng/L	BAP, ng/L	PER, ng/L	INP, ng/L	DBA, ng/L
BRH PES3 DISS 0ORG	0	0.00	16.30	20.00	0.00	97.10	74.00
BRH PES3 DISS 2ORG	2	0.00	14.91	22.33	0.00	53.21	37.01
BRH PES3 DISS 3ORG	3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 40RG	4	0.00	10.01	15.20	0.00	97.11	74.03
BRH PES3 DISS 5,1-A	5	0.00	0.00	0.00	0.00	0.00	1247.60
BRH PES3 DISS 5,1-B	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	17.20	32.80	16.00	24.00	0.00	130.40
BRH PES3 DISS 5,2-B	5	0.00	0.00	0.00	0.00	0.00	546.40

N.A. = Not Available

BRH PES 3 Dissolved	Dynes/cm^2	BPE, ng	Σ PAHs, ng
BRH PES3 DISS 0ORG	0	7.74	475.86
BRH PES3 DISS 2ORG	2	8.59	1058.87
BRH PES3 DISS 3ORG	3	N.A.	N.A.
BRH PES3 DISS 4ORG	4	7.74	840.89
BRH PES3 DISS 5,1-A	5	0.00	63.21
BRH PES3 DISS 5,1-B	5	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.00	73.65
BRH PES3 DISS 5,2-B	5	0.00	45.82

Data not corrected for blanks

BRH PES 3 Dissolved	Dynes/cm^2	BPE, ng/L	Σ PAHs, ng/L
BRH PES3 DISS 0ORG	0	77.40	4758.60
BRH PES3 DISS 2ORG	2	42.96	5294 33
BRH PES3 DISS 3ORG	3	N.A.	N.A.
BRH PES3 DISS 4ORG	4	77.36	8408.87
BRH PES3 DISS 5,1-A	5	0.00	2528.40
BRH PES3 DISS 5,1-B	5	N.A.	N.A.
BRH PES3 DISS 5,2-A	5	0.00	2946.00
BRH PES3 DISS 5,2-B	5	0.00	1832.80

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	Amt filt, mL	CB008, ng	CB018, ng	CB029, ng	CB050, ng
PR PES DISS 0ORG	0	100	0.04	0.17	0.12	0.07
PR PES DISS 2ORG	2	200	0 10	0.21	0.01	0.01
PR PES DISS 3ORG	3	200	0.00	0.34	0.02	0.01
PR PES DISS 4ORG	4	200	0.04	0.08	0.10	0.13
PR PES DISS 5ORG	5	160	0.02	0.18	0.03	0.01

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	Amt filt, mL	CB008, ng/L	CB018, ng/L	CB029, ng/L	CB050, ng/L
PR PES DISS 0ORG	0	100	0.39	1.72	1.22	0.66
PR PES DISS 2ORG	2	200	0.52	1.05	0.04	0.03
PR PES DISS 3ORG	3	200	0.02	1.68	0.10	0.07
PR PES DISS 4ORG	4	200	0.21	0.42	0.51	0.67
PR PES DISS 5ORG	5	160	0.15	1.13	0.16	0.06

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng
PR PES DISS 0ORG	0	0.24	0.11	0.27	0.09	0.13
PR PES DISS 2ORG	2	0.04	0.09	0.00	0.03	0.20
PR PES DISS 3ORG	3	0.09	0.10	0.11	0.08	0.07
PR PES DISS 4ORG	4	0.25	0.10	0.28	0.13	0.06
PR PES DISS 5ORG	5	0.03	0.08	0.05	0.05	0.05

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	CB028, ng/L	CB052, ng/L	CB104, ng/L	CB044, ng/L	CB066, ng/L
PR PES DISS 0ORG	0	2.35	1.13	2.72	0.88	1.31
PR PES DISS 2ORG	2	0.18	0.45	0.00	0.13	0.98
PR PES DISS 3ORG	3	0.46	0.52	0.53	0.39	0.34
PR PES DISS 4ORG	4	1.23	0.50	1.40	0.64	0.28
PR PES DISS 5ORG	5	0.17	0.49	0.34	0.30	0.29

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
PR PES DISS 0ORG	0	0.09	0.04	0.05	0.01	0.10
PR PES DISS 2ORG	2	0.14	0.06	0.11	0.03	0.10
PR PES DISS 3ORG	3	0.05	0.01	0.02	0.01	0.04
PR PES DISS 4ORG	4	0.03	0.01	0.02	0.01	0.03
PR PES DISS 5ORG	5	0.05	0.01	0.02	0.00	0.02

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	CB101, ng/L	CB087, ng/L	CB077, ng/L	CB154, ng/L	CB118, ng/L
PR PES DISS 0ORG	0	0.85	0.37	0.54	0.14	1.02
PR PES DISS 2ORG	2	0.71	0.30	0.57	0.15	0.51
PR PES DISS 3ORG	3	0.27	0.05	0.11	0.03	0.19
PR PES DISS 4ORG	4	0.15	0.05	0.09	0.03	0.16
PR PES DISS 5ORG	5	0.29	0.07	0.12	0.03	0.10

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	CB188, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng
PR PES DISS 0ORG	0	0.00	0.13	0.04	0.08	0.00
PR PES DISS 2ORG	2	0.00	0.27	0.04	0.24	0.00
PR PES DISS 3ORG	3	0.00	0.06	0.02	0.02	0.00
PR PES DISS 4ORG	4	0.00	0.06	0.00	0.02	0.01
PR PES DISS 5ORG	5	0.00	0.06	0.02	0.03	0.00

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	CB188, ng/L	CB153, ng/L	CB105, ng/L	CB138, ng/L	CB126, ng/L
PR PES DISS 0ORG	0	0.00	1.34	0.45	0.82	0.00
PR PES DISS 2ORG	2	0.00	1.34	0.20	1.19	0.00
PR PES DISS 3ORG	3	0.00	0.30	0.08	0.12	0.00
PR PES DISS 4ORG	4	0.00	0.32	0.00	0.12	0.05
PR PES DISS 5ORG	5	0.00	0.36	0.10	0.22	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	CB187, ng	CB128, ng	CB200, ng	CB180, ng	CB170, ng
PR PES DISS 0ORG	0	0.07	0.05	0.13	0.20	0.86
PR PES DISS 2ORG	2	0.02	0.05	0.01	0.06	0.73
PR PES DISS 3ORG	3	0.02	0.02	0.02	0.04	4.33
PR PES DISS 4ORG	4	0.02	0.01	0.01	0.05	0.96
PR PES DISS 5ORG	5	0.01	0.00	0.01	0.02	0.72

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	CB187, ng/L	CB128, ng/L	CB200, ng/L	CB180, ng/L	CB170, ng/L
PR PES DISS 0ORG	0	0.71	0.54	1.30	1.96	8.61
PR PES DISS 2ORG	2	0.11	0.24	0.05	0.28	3.64
PR PES DISS 3ORG	3	0.10	0.12	0.09	0.22	21.67
PR PES DISS 4ORG	4	0.08	0.03	0.07	0.26	4.81
PR PES DISS 5ORG	5	0.06	0.03	0.08	0.15	4.52

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	HCB, ng
PR PES DISS 0ORG	0	0.28	0.48	0.29	4.15	0.02
PR PES DISS 2ORG	2	0.05	0.01	0.05	2.64	0.03
PR PES DISS 3ORG	3	0.24	0.06	0.06	5.85	0.00
PR PES DISS 4ORG	4	0.00	0.37	0.08	2.87	0.01
PR PES DISS 5ORG	5	0.07	0.03	0.07	1.64	0.01

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	CB195, ng/L	CB206, ng/L	CB209, ng/L	CB sum, ng/L	HCB, ng/L
PR PES DISS 0ORG	0	2.82	4.75	2.93	41.53	0.15
PR PES DISS 2ORG	2	0.23	0.03	0.26	13.20	0.17
PR PES DISS 3ORG	3	1.20	0.32	0.29	29.26	0.01
PR PES DISS 4ORG	4	0.00	1.86	0.42	14.37	0.07
PR PES DISS 5ORG	5	0.44	0.16	0.41	10.22	0.04

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng	PP'DDE, ng
PR PES DISS 0ORG	0	0.00	0.23	0.05	0.01	0.00
PR PES DISS 2ORG	2	0.02	0.19	0.10	0.02	0.03
PR PES DISS 3ORG	3	0.00	0.40	0.03	0.01	0.00
PR PES DISS 4ORG	4	0.19	0.15	0.03	0.00	0.01
PR PES DISS 5ORG	5	0.00	0.30	0.02	0.01	0.00

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	HEPT, ng/L	ALDRIN, ng/L	OP'DDE, ng/L	DIELDRIN, ng/L	PP'DDE, ng/L
PR PES DISS 0ORG	0	0.00	2.31	0.50	0.14	0.00
PR PES DISS 2ORG	2	0.09	0.97	0.50	0.12	0.13
PR PES DISS 3ORG	3	0.00	2.00	0.13	0.04	0.00
PR PES DISS 4ORG	4	0.96	0.77	0.15	0.02	0.06
PR PES DISS 5ORG	5	0.00	1.88	0.15	0.05	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng	NAP, ng
PR PES DISS 0ORG	0	0.00	0.02	0.00	1.67	N.A.
PR PES DISS 2ORG	2	0.00	0.00	0.00	0.15	502.54
PR PES DISS 3ORG	3	0.03	0.00	0.00	1.59	505.21
PR PES DISS 4ORG	4	0.00	0.00	0.00	0.47	431.48
PR PES DISS 5ORG	5	0.00	0.00	0.00	0.15	332.61

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	OP'DDD, ng/L	PP'DDD, ng/L	OP'DDT, ng/L	MIREX, ng/L	NAP, ng/L
PR PES DISS 0ORG	0	0.00	0.20	0.00	16.74	N.A.
PR PES DISS 2ORG	2	0.00	0.00	0.00	0.73	2512.70
PR PES DISS 3ORG	3	0.13	0.00	0.00	7.97	2526.05
PR PES DISS 4ORG	4	0.00	0.00	0.00	2.35	2157.40
PR PES DISS 5ORG	5	0.00	0.02	0.00	0.91	2078.81

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	2MN, ng	1MN, ng	BIP, ng	DMN, ng	ACL, ng	ACT, ng
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	0.00	0.00	268.95	4.18	2.26	0.75
PR PES DISS 3ORG	3	0.13	2.09	1741.39	4.61	1.33	0.33
PR PES DISS 4ORG	4	0.00	0.00	907.52	5.15	2.51	0.67
PR PES DISS 5ORG	5	0.00	0.00	2802.10	4.53	1.00	0.51

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	2MN, ng/L	1MN, ng/L	BIP, ng/L	DMN, ng/L	ACL, ng/L	ACT, ng/L
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	0.00	0.00	1344.75	20.90	11.30	3.75
PR PES DISS 3ORG	3	0.65	10.45	8706.95	23.05	6.65	1.65
PR PES DISS 4ORG	4	0.00	0.00	4537.60	25.75	12.55	3.35
PR PES DISS 5ORG	5	0.00	0.00	17513.13	28.31	6.25	3.19

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	TMN, ng	FLU, ng	PHE, ng	ANT, ng	1MP, ng	FLA, ng
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	2.52	2.42	0.00	0.00	0.00	0.00
PR PES DISS 3ORG	3	2.85	4.28	0.00	0.00	0.00	0.00
PR PES DISS 4ORG	4	2.41	2.42	1.60	0.00	0.00	0.00
PR PES DISS 5ORG	5	2.53	2.83	0.00	0.00	0.00	0.00

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	TMN, ng/L	FLU, ng/L	PHE, ng/L	ANT, ng/L	1MP, ng/L	FLA, ng/L
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	12.60	12.10	0.00	0.00	0.00	0.00
PR PES DISS 3ORG	3	14.25	21.40	0.00	0.00	0.00	0.00
PR PES DISS 4ORG	4	12.05	12.10	8.00	0.00	0.00	0.00
PR PES DISS 5ORG	5	15.81	17.69	0.00	0.00	0.00	0.00

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	0.00	2.85	0.00	7.[illegible]	0.00	0.90
PR PES DISS 3ORG	3	0.00	2.90	0.00	7.69	0.00	1.14
PR PES DISS 4ORG	4	0.00	2.86	0.00	7.66	0.00	0.92
PR PES DISS 5ORG	5	0.00	2.88	0.00	7.82	0.00	1.09

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	PYR, ng/L	BAA, ng/L	CHR, ng/L	BBF, ng/L	BKF, ng/L	BEP, ng/L
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	0.00	14.25	0.00	38.60	0.00	4.50
PR PES DISS 3ORG	3	0.00	14.50	0.00	38.45	0.00	5.70
PR PES DISS 4ORG	4	0.00	14.30	0.00	38.30	0.00	4.60
PR PES DISS 5ORG	5	0.00	18.00	0.00	48.88	0.00	6.81

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

PR PES Dissolved	Dynes/cm^2	BAP, ng	PER, ng	INP, ng	DBA, ng	BPE, ng	Σ PAHs, ng
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	1.62	0.00	9.75	7.53	7.90	821.89
PR PES DISS 3ORG	3	2.16	0.00	9.76	7.52	7.81	2301.20
PR PES DISS 4ORG	4	1.64	0.00	9.71	7.40	7.78	1391.73
PR PES DISS 5ORG	5	1.73	0.00	9.76	7.66	7.81	3184.86

Data not corrected for blanks

PR PES Dissolved	Dynes/cm^2	BAP, ng/L	PER, ng/L	INP, ng/L	DBA, ng/L	BPE, ng/L	Σ PAHs, ng/L
PR PES DISS 0ORG	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
PR PES DISS 2ORG	2	8.10	0.00	48.75	37.65	39.50	4109.45
PR PES DISS 3ORG	3	10.80	0.00	48.80	37.60	39.05	11506.00
PR PES DISS 4ORG	4	8.20	0.00	48.55	37.00	38.90	6958.65
PR PES DISS 5ORG	5	10.81	0.00	61.00	47.88	48.81	19905.38

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	Amt filtered, mL	CB008, ng	CB018, ng	CB029, ng	CB050, ng
RP PES DISS 0ORG	0	100	0.04	0.03	0.03	0.02
RP PES DISS 2ORG	2	200	0.03	0.03	0.03	0.02
RP PES DISS 3ORG	3	200	0.02	0.29	0.02	0.00
RP PES DISS 4ORG	4	200	0.01	0.18	0.01	0.01
RP PES DISS 5ORG*	5	200	0.12	0.12	0.03	3.25

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	Amt filtered, mL	CB008, ng/L	CB018, ng/L	CB029, ng/L	CB050, ng/L
RP PES DISS 0ORG	0	100	0.37	0.31	0.30	0.15
RP PES DISS 2ORG	2	200	0.13	0.13	0.13	0.08
RP PES DISS 3ORG	3	200	0.11	1.46	0.08	0.00
RP PES DISS 4ORG	4	200	0.06	0.91	0.04	0.03
RP PES DISS 5ORG*	5	200	0.62	0.58	0.17	16.25

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	CB028, ng	CB052, ng	CB104, ng	CB044, ng	CB066, ng
RP PES DISS 0ORG	0	0.07	0.06	0.37	0.04	0.08
RP PES DISS 2ORG	2	0.11	0.08	0.52	0.07	0.08
RP PES DISS 3ORG	3	0.12	0.10	0.25	0.09	0.16
RP PES DISS 4ORG	4	0.06	0.06	0.19	0.04	0.09
RP PES DISS 5ORG*	5	2.47	0.76	0.00	1.51	1.99

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	CB028, ng/L	CB052, ng/L	CB104, ng/L	CB044, ng/L	CB066, ng/L
RP PES DISS 0ORG	0	0.67	0.55	3.71	0.41	0.76
RP PES DISS 2ORG	2	0.55	0.39	2.62	0.35	0.38
RP PES DISS 3ORG	3	0.60	0.50	1.24	0.45	0.79
RP PES DISS 4ORG	4	0.31	0.28	0.97	0.18	0.43
RP PES DISS 5ORG*	5	12.35	3.78	0.00	7.57	9.94

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	CB101, ng	CB087, ng	CB077, ng	CB154, ng	CB118, ng
RP PES DISS 0ORG	0	0.06	0.02	0.03	0.01	0.04
RP PES DISS 2ORG	2	0.04	0.02	0.03	0.01	0.05
RP PES DISS 3ORG	3	0.08	0.03	0.06	0.01	0.08
RP PES DISS 4ORG	4	0.04	0.02	0.03	0.01	0.05
RP PES DISS 5ORG*	5	2.04	0.66	0.99	0.26	0.81

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	CB101, ng/L	CB087, ng/L	CB077, ng/L	CB154, ng/L	CB118, ng/L
RP PES DISS 0ORG	0	0.55	0.17	0.28	0.07	0.38
RP PES DISS 2ORG	2	0.22	0.09	0.14	0.04	0.24
RP PES DISS 3ORG	3	0.38	0.16	0.30	0.06	0.41
RP PES DISS 4ORG	4	0.21	0.08	0.16	0.04	0.27
RP PES DISS 5ORG*	5	10.21	3.29	4.93	1.32	4.04

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	CB188, ng	CB153, ng	CB105, ng	CB138, ng	CB126, ng
RP PES DISS 0ORG	0	0.00	0.09	0.03	0.04	0.00
RP PES DISS 2ORG	2	0.00	0.10	0.05	0.03	0.02
RP PES DISS 3ORG	3	0.00	0.12	0.04	0.07	0.00
RP PES DISS 4ORG	4	0.00	0.10	0.03	0.05	0.00
RP PES DISS 5ORG*	5	0.70	1.55	0.40	0.00	0.50

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	CB188, ng/L	CB153, ng/L	CB105, ng/L	CB138, ng/L	CB126, ng/L
RP PES DISS 0ORG	0	0.00	0.85	0.28	0.36	0.00
RP PES DISS 2ORG	2	0.00	0.52	0.23	0.14	0.10
RP PES DISS 3ORG	3	0.00	0.61	0.21	0.36	0.00
RP PES DISS 4ORG	4	0.00	0.50	0.15	0.26	0.00
RP PES DISS 5ORG*	5	3.49	7.76	2.02	0.00	2.50

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	CB187, ng	CB128, ng	CB200, ng	CB180, ng	CB170, ng
RP PES DISS 0ORG	0	0.04	0.04	0.01	0.02	0.42
RP PES DISS 2ORG	2	0.03	0.02	0.01	0.03	0.49
RP PES DISS 3ORG	3	0.02	0.01	0.02	0.05	0.40
RP PES DISS 4ORG	4	0.04	0.01	0.01	0.05	0.66
RP PES DISS 5ORG*	5	0.00	0.00	0.80	0.00	0.00

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	CB187, ng/L	CB128, ng/L	CB200, ng/L	CB180, ng/L	CB170, ng/L
RP PES DISS 0ORG	0	0.36	0.44	0.09	0.25	4.24
RP PES DISS 2ORG	2	0.14	0.08	0.07	0.13	2.45
RP PES DISS 3ORG	3	0.11	0.07	0.08	0.23	1.99
RP PES DISS 4ORG	4	0.22	0.04	0.06	0.23	3.32
RP PES DISS 5ORG*	5	0.00	0.00	4.01	0.00	0.00

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	CB195, ng	CB206, ng	CB209, ng	CB sum, ng	HCB, ng
RP PES DISS 0ORG	0	0.06	0.29	0.05	1.95	0.01
RP PES DISS 2ORG	2	0.03	0.25	0.15	2.31	0.01
RP PES DISS 3ORG	3	0.04	0.02	0.05	2.15	0.01
RP PES DISS 4ORG	4	0.25	0.92	0.28	3.20	0.00
RP PES DISS 5ORG*	5	0.00	0.00	0.00	18.96	0.03

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	CB195, ng/L	CB206, ng/L	CB209, ng/L	CB sum, ng/L	HCB, ng/L
RP PES DISS 0ORG	0	0.61	2.92	0.46	19.53	0.11
RP PES DISS 2ORG	2	0.17	1.26	0.76	11.55	0.05
RP PES DISS 3ORG	3	0.21	0.09	0.26	10.74	0.05
RP PES DISS 4ORG	4	1.23	4.61	1.41	16.00	0.02
RP PES DISS 5ORG*	5	0.00	0.00	0.00	94.82	0.15

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	HEPT, ng	ALDRIN, ng	OP'DDE, ng	DIELDRIN, ng	PP'DDE, ng
RP PES DISS 0ORG	0	0.02	0.11	0.05	0.01	0.00
RP PES DISS 2ORG	2	0.03	0.10	0.04	0.01	0.01
RP PES DISS 3ORG	3	0.04	0.05	0.05	0.01	0.02
RP PES DISS 4ORG	4	0.02	0.06	0.03	0.01	0.02
RP PES DISS 5ORG*	5	0.00	0.00	1.96	0.25	0.00

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	HEPT, ng/L	ALDRIN, ng/L	OP'DDE, ng/L	DIELDRIN, ng/L	PP'DDE, ng/L
RP PES DISS 0ORG	0	0.24	1.13	0.52	0.06	0.00
RP PES DISS 2ORG	2	0.17	0.50	0.20	0.04	0.06
RP PES DISS 3ORG	3	0.20	0.25	0.26	0.06	0.09
RP PES DISS 4ORG	4	0.12	0.28	0.14	0.03	0.08
RP PES DISS 5ORG*	5	0.00	0.00	9.80	1.27	0.00

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	OP'DDD, ng	PP'DDD, ng	OP'DDT, ng	MIREX, ng	NAP, ng
RP PES DISS 0ORG	0	0.00	0.00	0.00	0.94	788.72
RP PES DISS 2ORG	2	0.00	0.00	0.00	0.00	1005.02
RP PES DISS 3ORG	3	0.00	0.00	0.00	1.94	884.12
RP PES DISS 4ORG	4	0.00	0.05	0.01	0.48	888.84
RP PES DISS 5ORG*	5	0.00	0.20	0.00	0.00	N.A.

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	OP'DDD, ng/L	PP'DDD, ng/L	OP'DDT, ng/L	MIREX, ng/L	NAP, ng/L
RP PES DISS 0ORG	0	0.00	0.03	0.00	9.38	7887.20
RP PES DISS 2ORG	2	0.00	0.00	0.00	0.00	5025.12
RP PES DISS 3ORG	3	0.00	0.00	0.00	9.69	4420.60
RP PES DISS 4ORG	4	0.00	0.27	0.07	2.42	4444.20
RP PES DISS 5ORG*	5	0.00	1.02	0.00	0.00	N.A.

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	2MN, ng	1MN, ng	BIP, ng	DMN, ng	ACL, ng	ACT, ng
RP PES DISS 0ORG	0	1.75	0.39	893.23	4.66	2.27	0.66
RP PES DISS 2ORG	2	0.11	0.00	3021.02	5.05	1.97	0.77
RP PES DISS 3ORG	3	0.25	0.00	1363.26	4.50	1.42	1.13
RP PES DISS 4ORG	4	0.07	0.00	1994.39	5.51	2.18	0.25
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	2MN, ng/L	1MN, ng/L	BIP, ng/L	DMN, ng/L	ACL, ng/L	ACT, ng/L
RP PES DISS 0ORG	0	17.50	3.90	8932.30	46.60	22.70	6.60
RP PES DISS 2ORG	2	0.55	0.00	15105.12	25.24	9.87	3.85
RP PES DISS 3ORG	3	1.25	0.00	6816.30	22.50	7.10	5.65
RP PES DISS 4ORG	4	0.34	0.00	9971.97	27.53	10.88	1.27
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	TMN, ng	FLU, ng	PHE, ng	ANT, ng	1MP, ng	FLA, ng
RP PES DISS 0ORG	0	2.78	3.79	0.00	0.00	0.00	0.00
RP PES DISS 2ORG	2	3.26	3.33	0.00	0.00	0.00	0.00
RP PES DISS 3ORG	3	2.99	3.23	0.00	0.00	2.69	0.00
RP PES DISS 4ORG	4	2.48	2.83	0.03	0.00	0.00	0.00
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	TMN, ng/L	FLU, ng/L	PHE, ng/L	ANT, ng/L	1MP, ng/L	FLA, ng/L
RP PES DISS 0ORG	0	27.80	37.90	0.00	0.00	0.00	0.00
RP PES DISS 2ORG	2	16.29	16.65	0.00	0.00	0.00	0.00
RP PES DISS 3ORG	3	14.95	16.15	0.00	0.00	13.45	0.00
RP PES DISS 4ORG	4	12.42	14.17	0.17	0.00	0.00	0.00
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	PYR, ng	BAA, ng	CHR, ng	BBF, ng	BKF, ng	BEP, ng
RP PES DISS 0ORG	0	0.00	2.78	0.00	7.81	0.00	0.98
RP PES DISS 2ORG	2	0.00	2.78	0.00	8.34	0.00	1.25
RP PES DISS 3ORG	3	0.00	2.88	0.00	7.90	0.00	1.06
RP PES DISS 4ORG	4	0.00	2.78	0.00	7.83	0.00	0.97
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	PYR, ng/L	BAA, ng/L	CHR, ng/L	BBF, ng/L	BKF, ng/L	BEP, ng/L
RP PES DISS 0ORG	0	0.00	27.80	0.00	78.10	0.00	9.80
RP PES DISS 2ORG	2	0.00	13.90	0.00	41.69	0.00	6.25
RP PES DISS 3ORG	3	0.00	14.40	0.00	39.50	0.00	5.30
RP PES DISS 4ORG	4	0.00	13.90	0.00	39.14	0.00	4.86
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

*PCBs->Contaminated?

N.A. = Not Available

Appendix 7: Dissolved Phase Organics

RP PES Dissolved	Dynes/cm^2	BAP, ng	PER, ng	INP, ng	DBA, ng	BPE, ng	Σ PAHs, ng
RP PES DISS 0ORG	0	2.31	0.00	9.71	7.40	7.74	1736.98
RP PES DISS 2ORG	2	1.52	0.00	9.71	7.40	7.74	4079.28
RP PES DISS 3ORG	3	1.62	0.00	9.87	7.96	8.09	2302.97
RP PES DISS 4ORG	4	1.44	0.00	9.71	7.40	7.74	2934.47
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Data not corrected for blanks

RP PES Dissolved	Dynes/cm^2	BAP, ng/L	PER, ng/L	INP, ng/L	DBA, ng/L	BPE, ng/L	Σ PAHs, ng/L
RP PES DISS 0ORG	0	23.10	00	97.10	74.00	77.40	17369.80
RP PES DISS 2ORG	2	[illegible]	[illegible]	48.55	37.01	38.68	20396.41
RP PES DISS 3ORG	3	8.1[illegible]	[illegible]	49.35	39.80	40.45	11514.85
RP PES DISS 4ORG	4	7.22	0.00	48.55	37.01	38.68	14672.33
RP PES DISS 5ORG*	5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

*PCBs->Contaminated?

N.A. = Not Available

APPENDIX 8. BLANK DATA

PES BLANKS	Speciation	Filter#	CB008, ng	CB018, ng	CB029, ng
I SW Blk 0.1202 g	P	-	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	-	0.00	0.00	0.00
FSW Blk 4/27/92	P	86	0.09	0.02	0.00
Dry F Blk 4/30	P	22	N.A.	N.A.	N.A.
PES Blk 4/27	P	76	N.A.	N.A.	N.A.
FSW 4/23	P	69	N.A.	N.A.	N.A.
FSW 4/24	P	75	N.A.	N.A.	N.A.
FSW 4/22	P	63	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	57	N.A.	N.A.	N.A.
SW Blk 4/3	P	49	N.A.	N.A.	N.A.
SW Blk 4/3	P	50	N.A.	N.A.	N.A.
SW Blk 4/1	P	33	N.A.	N.A.	N.A.
FSW Blk 4/20	P	54	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	-	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	-	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	-	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	-	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	58	0.00	0.36	0.11
FSW Blk 4/23/92	P	74	0.08	0.00	0.12
PES Blk 4/27/92	P	85	0.16	0.08	0.00
Filter SW B1 11/91	P	-	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	-	N.A.	N.A.	N.A.
Average			**0.06**	**0.08**	**0.04**
St. Dev.			**0.07**	**0.14**	**0.06**
RSD %			**120%**	**186%**	**155%**
n			**6**	**6**	**6**
Proc. Particulate 5/92	P	-	0.00	0.00	1.24
Proc. Particulate	P	10	0.07	0.05	0.00
Proc. Particuate 8/92	P	-	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	104	0.15	0.04	0.08
Proc Blk 1992	P	32	0.04	0.03	0.06
Proc Blk 4/27/92	P	87	0.12	0.02	0.04
Average			**0.08**	**0.03**	**0.28**
St. Dev.			**0.06**	**0.02**	**0.54**
RSD %			**79%**	**69%**	**189%**
n			**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	-	N.A.	N.A.	N.A.
PES SW BLK -D	D	-	0.00	0.00	0.00
PES FSW BLK SQ BOT	D	-	0.00	0.09	0.00
PES BLK FSW A+B	D	-	0.05	0.23	0.00
Average			**0.02**	**0.11**	**0.00**
St. Dev.			**0.03**	**0.12**	**0.00**
RSD %			**173%**	**109%**	**#DIV/0!**
n			**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB050, ng	CB028, ng	CB052, ng
I SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.03	0.14	0.07
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	0.26	0.28	0.59
FSW Blk 4/23/92	P	0.14	0.19	0.62
PES Blk 4/27/92	P	0.10	0.45	0.20
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.09**	**0.18**	**0.25**
St. Dev.		**0.10**	**0.17**	**0.29**
RSD %		**115%**	**98%**	**116%**
n		**6**	**6**	**6**
Proc. Particulate 5/92	P	1.23	1.48	0.23
Proc. Particulate	P	0.09	0.07	0.05
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.05	0.18	0.10
Proc Blk 1992	P	0.03	0.08	0.05
Proc Blk 4/27/92	P	0.03	0.14	0.10
Average		**0.29**	**0.39**	**0.11**
St. Dev.		**0.53**	**0.61**	**0.07**
RSD %		**185%**	**157%**	**71%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.08	0.07	0.00
PES FSW BLK SQ BOT	D	0.01	0.06	0.06
PES BLK FSW A+B	D	0.12	0.22	0.07
Average		**0.07**	**0.12**	**0.04**
St. Dev.		**0.06**	**0.09**	**0.04**
RSD %		**84%**	**78%**	**89%**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB104, ng	CB044, ng	CB066, ng
I SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.08	0.02	0.19
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.	0.14
FSW Blk 4/23/92	P	0.00	0.95	0.00
PES Blk 4/27/92	P	0.00	0.20	0.20
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.02**	**0.23**	**0.09**
St. Dev.		**0.04**	**0.41**	**0.10**
RSD %		**224%**	**175%**	**112%**
n		**5**	**5**	**6**
Proc. Particulate 5/92	P	0.00	0.20	0.43
Proc. Particulate	P	0.00	0.04	0.03
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.29	0.04	0.30
Proc Blk 1992	P	0.00	0.17	0.05
Proc Blk 4/27/92	P	0.38	0.02	0.26
Average		**0.13**	**0.09**	**0.21**
St. Dev.		**0.19**	**0.08**	**0.17**
RSD %		**139%**	**90%**	**80%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.00	0.00	0.02
PES FSW BLK SQ BOT	D	0.13	0.01	0.11
PES BLK FSW A+B	D	0.26	0.08	0.05
Average		**0.13**	**0.03**	**0.06**
St. Dev.		**0.13**	**0.04**	**0.05**
RSD %		**100%**	**142%**	**76%**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB101, ng	CB087, ng	CB077, ng
I SW Blk 0.1202 g	P	0.14	0.00	0.00
M Sw Blk 0.1218 g	P	0.22	0.00	0.00
FSW Blk 4/27/92	P	0.16	0.09	0.10
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.03	N.A.	N.A.
EPA filtered SW 2/26/92	P	0.10	N.A.	N.A.
PES Blk FB3 2/26/92	P	0.11	N.A.	N.A.
PES Blk FB4 2/26/92	P	0.09	N.A.	N.A.
PES Blk 4/20/92	P	0.32	0.32	0.43
FSW Blk 4/23/92	P	0.23	0.10	0.00
PES Blk 4/27/92	P	0.29	0.12	0.00
Filter SW B1 11/91	P	0.12	N.A.	N.A.
Filter SW B2 11/91	P	0.14	N.A.	N.A.
Average		**0.16**	**0.11**	**0.09**
St. Dev.		**0.09**	**0.12**	**0.17**
RSD %		**53%**	**112%**	**195%**
n		**12**	**6**	**6**
Proc. Particulate 5/92	P	0.45	0.24	0.82
Proc. Particulate	P	0.07	0.02	0.01
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.24	0.13	0.14
Proc Blk 1992	P	0.08	0.04	0.02
Proc Blk 4/27/92	P	0.20	0.12	0.12
Average		**0.21**	**0.11**	**0.22**
St. Dev.		**0.15**	**0.09**	**0.34**
RSD %		**74%**	**79%**	**153%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	0.06	N.A.	N.A.
PES SW BLK -D	D	0.09	0.05	0.00
PES FSW BLK SQ BOT	D	0.06	0.02	0.06
PES BLK SW A+B	D	0.03	0.01	0.02
Average		**0.06**	**0.02**	**0.03**
St. Dev.		**0.03**	**0.02**	**0.03**
RSD %		**41%**	**90%**	**111%**
n		**4**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB154, ng	CB118, ng	CB188, ng
I SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.14	0.00
FSW Blk 4/27/92	P	0.02	0.14	0.01
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	0.00	0.40	N.A.
FSW Blk 4/23/92	P	0.00	0.18	N.A.
PES Blk 4/27/92	P	0.00	0.31	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.00**	**0.20**	**0.00**
St. Dev.		**0.01**	**0.14**	**0.01**
RSD %		**245%**	**72%**	**173%**
n		**6**	**6**	**3**
Proc. Particulate 5/92	P	0.00	0.48	N.A.
Proc. Particulate	P	0.05	0.05	0.01
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.03	0.19	0.01
Proc Blk 1992	P	0.06	0.17	0.02
Proc Blk 4/27/92	P	0.08	0.06	0.03
Average		**0.04**	**0.19**	**0.02**
St. Dev.		**0.03**	**0.17**	**0.01**
RSD %		**69%**	**92%**	**55%**
n		**5**	**5**	**4**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.00	0.13	0.00
PES FSW BLK SQ BOT	D	0.02	0.10	0.00
PES BLK FSW A+B	D	0.01	0.03	0.00
Average		**0.01**	**0.09**	**0.00**
St. Dev.		**0.01**	**0.05**	**0.00**
RSD %		**112%**	**55%**	**#DIV/0!**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB153, ng	CB105, ng	CB138, ng
I SW Blk 0.1202 g	P	0.20	0.00	0.54
M Sw Blk 0.1218 g	P	0.31	0.00	0.93
FSW Blk 4/27/92	P	0.18	0.07	0.05
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.03	N.A.	0.15
EPA filtered SW 2/26/92	P	0.09	N.A.	0.51
PES Blk FB3 2/26/92	P	0.20	N.A.	0.21
PES Blk FB4 2/26/92	P	0.16	N.A.	0.14
PES Blk 4/20/92	P	0.47	0.00	1.08
FSW Blk 4/23/92	P	0.57	0.54	0.32
PES Blk 4/27/92	P	0.60	0.00	0.51
Filter SW B1 11/91	P	0.08	N.A.	0.16
Filter SW B2 11/91	P	0.17	N.A.	0.14
Average		**0.26**	**0.10**	**0.40**
St. Dev.		**0.19**	**0.22**	**0.33**
RSD %		**75%**	**213%**	**84%**
n		**12**	**6**	**12**
Proc. Particulate 5/92	P	0.89	0.84	1.17
Proc. Particulate	P	0.08	0.04	0.07
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.24	0.06	0.03
Proc Blk 1992	P	0.09	0.04	0.07
Proc Blk 4/27/92	P	0.12	0.02	0.05
Average		**0.28**	**0.20**	**0.28**
St. Dev.		**0.35**	**0.36**	**0.50**
RSD %		**122%**	**180%**	**180%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	0.06	N.A.	0.27
PES SW BLK -D	D	0.15	0.00	0.18
PES FSW BLK SQ BOT	D	0.15	0.03	0.08
PES BLK FSW A+B	D	0.06	0.02	0.02
Average		**0.10**	**0.02**	**0.14**
St. Dev.		**0.05**	**0.02**	**0.11**
RSD %		**52%**	**88%**	**78%**
n		**4**	**3**	**4**

N.A. = Not Available

PES BLANKS	Speciation	CB126, ng	CB187, ng	CB128, ng
I SW Blk 0.1202 g	P	0.00	0.09	0.00
M Sw Blk 0.1218 g	P	0.00	0.14	0.00
FSW Blk 4/27/92	P	0.00	0.05	0.01
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/[illegible]4	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	0.00	0.28	0.00
FSW Blk 4/23/92	P	0.00	0.21	0.06
PES Blk 4/27/92	P	0.00	0.23	0.10
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.00**	**0.17**	**0.03**
St. Dev.		**0.00**	**0.09**	**0.04**
RSD %		**#DIV/0!**	**53%**	**149%**
n		**6**	**6**	**6**
Proc. Particulate 5/92	P	0.00	0.73	0.26
Proc. Particulate	P	0.01	0.04	0.01
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.00	0.13	0.02
Proc Blk 1992	P	0.05	0.05	0.03
Proc Blk 4/27/92	P	0.00	0.04	0.02
Average		**0.01**	**0.20**	**0.07**
St. Dev.		**0.02**	**0.30**	**0.11**
RSD %		**181%**	**151%**	**161%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.00	0.07	0.00
PES FSW BLK SQ BOT	D	0.05	0.05	0.02
PES BLK FSW A+B	D	0.00	0.01	0.01
Average		**0.02**	**0.04**	**0.01**
St. Dev.		**0.03**	**0.03**	**0.01**
RSD %		**173%**	**63%**	**116%**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB200, ng	CB180, ng	CB170, ng
I SW Blk 0.1202 g	P	0.00	0.07	0.52
M Sw Blk 0.1218 g	P	0.00	0.13	0.27
FSW Blk 4/27/92	P	0.04	0.05	0.58
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.04	0.01	0.03
EPA filtered SW 2/26/92	P	0.40	0.04	0.00
PES Blk FB3 2/26/92	P	0.58	0.10	0.09
PES Blk FB4 2/26/92	P	0.95	0.08	0.13
PES Blk 4/20/92	P	0.05	0.22	0.68
FSW Blk 4/23/92	P	0.05	0.19	phthalate
PES Blk 4/27/92	P	0.05	0.17	0.47
Filter SW 31 11/91	P	0.19	0.04	0.05
Filter SW B2 11/91	P	0.34	0.11	0.00
Average		**0.22**	**0.10**	**0.27**
St. Dev.		**0.30**	**0.07**	**0.27**
RSD %		**132%**	**65%**	**102%**
n		**12**	**12**	**11**
Proc. Particulate 5/92	P	0.13	0.46	phthalate
Proc. Particulate	P	0.01	0.04	0.23
Proc. Particuate 8/92	P	N A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.04	0.10	0.34
Proc Blk 1992	P	0.02	0.05	0.99
Proc Blk 4/27/92	P	0.00	0.11	0.46
Average		**0.04**	**0.15**	**0.50**
St. Dev.		**0.02**	**0.18**	**0.33**
RSD %		**131%**	**116%**	**66%**
n		**5**	**5**	**4**
PES Dissolved SW 2/26/92	D	0.08	0.02	0.05
PES SW BLK -D	D	0.00	0.05	0.04
PES FSW BLK SQ BOT	D	0.01	0.06	0.21
PES BLK FSW A+B	D	0.00	0.03	phthalate
Average		**0.02**	**0.04**	**0.10**
St. Dev.		**0.04**	**0.02**	**0.09**
RSD %		**178%**	**49%**	**95%**
n		**4**	**4**	**3**

N.A. = Not Available

PES BLANKS	Speciation	CB195, ng	CB206, ng	CB209, ng
I SW Blk 0.1202 g	P	0.11	0.41	0.03
M Sw Blk 0.1218 g	P	0.16	0.36	0.00
FSW Blk 4/27/92	P	0.07	0.30	0.05
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.02	N.A.	0.01
EPA filtered SW 2/26/92	P	0.10	N.A.	0.03
PES Blk FB3 2/26/92	P	0.20	N.A.	0.27
PES Blk FB4 2/26/92	P	0.22	N.A.	0.05
PES Blk 4/20/92	P	0.27	0.66	0.00
FSW Blk 4/23/92	P	0.30	0.65	0.08
PES Blk 4/27/92	P	0.21	0.50	0.00
Filter SW B1 11/91	P	0.07	N.A.	0.04
Filter SW B2 11/91	P	0.11	N.A.	0.07
Average		**0.15**	**0.48**	**0.05**
St. Dev.		**0.09**	**0.15**	**0.07**
RSD %		**57%**	**31%**	**140%**
n		**12**	**6**	**12**
Proc. Particulate 5/92	P	1.00	2.51	0.48
Proc. Particulate	P	0.05	0.11	0.02
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	0.31	0.73	0.19
Proc Blk 1992	P	0.06	0.09	0.03
Proc Blk 4/27/92	P	0.10	0.46	0.23
Average		**0.30**	**0.78**	**0.19**
St. Dev.		**0.40**	**1.00**	**0.19**
RSD %		**133%**	**129%**	**99%**
n		**5**	**5**	**5**
PES Dissolved SW 2/26/92	D	0.03	N.A.	0.36
PES SW BLK -D	D	0.09	0.26	0.04
PES FSW BLK SQ BOT	D	0.04	0.19	0.19
PES BLK FSW A+B	D	0.03	0.40	0.29
Average		**0.05**	**0.28**	**0.22**
St. Dev.		**0.03**	**0.11**	**0.14**
RSD %		**66%**	**38%**	**63%**
n		**4**	**3**	**4**

N.A. = Not Available

PES BLANKS	Speciation	CB sum, ng	Σ PCB, ng	HCB, ng
FSW Blk 0.1202 g	P	2.22	8.91	0.00
FSW Blk 0.1218 g	P	2.67	9.47	0.00
FSW Blk 4/27/92	P	2.61	2.03	.04
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.32	N/D	N.A.
EPA filtered SW 2/26/92	P	1.27	N/D	N.A.
PES Blk FB3 2/26/92	P	1.76	N/D	N.A.
PES Blk FB4 2/26/92	P	1.82	N/D	N.A.
PES Blk 4/20/92	P	6.92	12.00	N.A.
FSW Blk 4/23/92	P	5.58	7.00	N.A.
PES Blk 4/27/92	P	4.95	8.00	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**3.01**	**7.90**	**0.01**
St. Dev.		**2.10**	**3.33**	**0.02**
RSD %		**70%**	**42%**	**173%**
n		**10**	**6**	**3**
Proc Particulate 5/92	P	15.27	21.00	N.A.
Proc. Particulate	P	1.32	2.79	0.03
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	4.16	4.14	N.A.
Proc Blk 1992	P	2.42	3.13	0.11
Proc Blk 4/27/92	P	3.33	2.84	0.03
Average		**5.30**	**6.78**	**0.06**
St. Dev.		**5.67**	**7.97**	**0.04**
RSD %		**107%**	**118%**	**79%**
n		**5**	**5**	**3**
PES Dissolved SW 2/26/92	D	0.93	N/D	N.A.
PES SW BLK -D	D	1.32	5.07	0.00
PES FSW BLK SQ BOT	D	1.78	N/D	0.05
PES BLK FSW A+B	D	2.04	N/D	0.02
Average		**1.52**	**5.07**	**0.02**
St. Dev.		**0.49**	**#DIV/0!**	**0.03**
RSD %		**32%**	**#DIV/0!**	**118%**
n		**4**	**1**	**3**

N.A. = Not Available

PES BLANK 3	Speciation	HEPT, ng	ALDRIN, ng	OP'DDE, ng
I SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.00	0.14	0.11
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	N.A.	N.A.	N.A.
PES Blk 4/27/92	P	N.A.	N.A.	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.00**	**0.05**	**0.04**
St. Dev.		**0.00**	**0.08**	**0.06**
RSD %		**#DIV/0!**	**173%**	**173%**
n		**3**	**3**	**3**
Proc. Particulate 5/92	P	N.A.	N.A.	N.A.
Proc. Particulate	P	0.00	0.00	0.04
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	N.A.	N.A.	N.A.
Proc Blk 1992	P	0.02	0.00	0.00
Proc Blk 4/27/92	P	0.00	0.15	0.00
Average		**0.01**	**0.05**	**0.01**
St. Dev.		**0.01**	**0.09**	**0.02**
RSD %		**173%**	**173%**	**173%**
n		**3**	**3**	**3**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.00	0.00	0.00
PES FSW BLK SQ BOT	D	0.01	N.A.	0.03
PES BLK FSW A+B	D	0.12	0.46	0.02
Average		**0.04**	**0.23**	**0.02**
St. Dev.		**0.06**	**0.33**	**0.01**
RSD %		**150%**	**141%**	**90%**
n		**3**	**2**	**3**

N.A. = Not Available

PES BLANKS	Speciation	DIELDRIN, ng	PP'DDE, ng	OP'DDD, ng
I SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.09	0.08	0.00
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	N.A.	N.A.	N.A.
PES Blk 4/27/92	P	N.A.	N.A.	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.03**	**0.03**	**0.00**
St. Dev.		**0.05**	**0.05**	**0.00**
RSD %		**173%**	**173%**	**#DIV/0!**
n		**3**	**3**	**3**
Proc. Particulate 5/92	P	N.A.	N.A.	N.A.
Proc. Particulate	P	0.07	0.04	0.05
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	N.A.	N.A.	N.A.
Proc Blk 1992	P	0.02	0.00	0.06
Proc Blk 4/27/92	P	0.13	0.11	0.00
Average		**0.07**	**0.05**	**0.04**
St. Dev.		**0.06**	**0.06**	**0.03**
RSD %		**75%**	**111%**	**88%**
n		**3**	**3**	**3**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.15	0.00	0.00
PES FSW BLK SQ BOT	D	[illegible]02	0.08	0.00
PES BLK FSW A+B	D	[illegible]03	0.02	0.00
Average		**[illegible].07**	**0.04**	**0.00**
St. Dev.		**0.07**	**0.04**	**0.00**
RSD %		**112%**	**125%**	**#DIV/0!**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	PP'DDD, ng	OP'DDT, ng	MIREX, ng
1 SW Blk 0.1202 g	P	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.00	0.00	0.12
Dry F Blk 4/30	P	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	N.A.	N.A.	N.A.
PES Blk 4/27/92	P	N.A.	N.A.	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**0.00**	**0.00**	**0.04**
St. Dev.		**0.00**	**0.00**	**0.07**
RSD %		**#DIV/0.**	**#DIV/0!**	**173%**
n		**3**	**3**	**3**
Proc. Particulate 5/92	P	N.A.	N.A.	N.A.
Proc. Particulate	P	0.06	0.03	0.01
Proc. Particuate 8/92	P	N.A.	N.A.	N.A.
Proc Blk 4/30/92	P	N.A.	N.A.	N.A.
Proc Blk 1992	P	0.00	0.00	0.00
Proc Blk 4/27/92	P	0.00	0.00	0.10
Average		**0.02**	**0.01**	**0.04**
St. Dev.		**0.03**	**0.02**	**0.06**
RSD %		**173%**	**173%**	**150%**
n		**3**	**3**	**3**
PES Dissolved SW 2/26/92	D	N.A.	N.A.	N.A.
PES SW BLK -D	D	0.00	0.00	0.00
PES FSW BLK SQ BOT	D	0.00	0.00	0.37
PES BLK FSW A+B	D	0.00	0.00	0.47
Average		**0.00**	**0.00**	**0.28**
St. Dev.		**0.00**	**0.00**	**0.25**
RSD %		**#DIV/0!**	**#DIV/0!**	**88%**
n		**3**	**3**	**3**

N.A. = Not Available

PES BLANKS	Speciation	NAP, ng	2MN, ng	1MN, ng	BIP, ng
I SW Blk 0.1202 g	P	7.13	1.60	0.00	1.39
M Sw Blk 0.1218 g	P	14.22	5.32	2.18	0.00
FSW Blk 4/27/92	P	4.61	0.00	1.37	2.30
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	6.5	1.8	1.6	0.0
PES Blk 4/27/92	P	13.0	30.7	24.7	9.1
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**5.05**	**4.38**	**3.31**	**1.42**
St. Dev.		**5.66**	**10.02**	**8.06**	**3.00**
RSD %		**112%**	**229%**	**243%**	**211%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	6.6	0.0	0.0	5.6
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	37.2	1.7	1.6	0.0
Proc Blk 4/30/92	P	1.09	2.08	0.00	0.00
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	6.64	2.56	0.00	1.75
Average		**12.88**	**1.58**	**0.40**	**1.84**
St. Dev.		**16.41**	**1.11**	**0.81**	**2.64**
RSD %		**127%**	**71%**	**200%**	**144%**
		4	**4**	**4**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. = Not Available

PES BLANKS	Speciation	DMN, ng	ACL, ng	ACT, ng	TMN, ng
I SW Blk 0.1202 g	P	1.29	0.00	1.58	0.90
M Sw Blk 0.1218 g	P	24.74	0.00	0.00	0.00
FSW Blk 4/27/92	P	1.70	0.00	0.00	0.68
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	0.0	0.0	0.0	4.7
PES Blk 4/27/92	P	8.8	12.8	32.4	16.3
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**4.06**	**1.42**	**3.78**	**2.51**
St. Dev.		**8.26**	**4.27**	**10.75**	**5.39**
RSD %		**204%**	**300%**	**285%**	**215%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	2.5	0.0	0.0	8.3
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	2.0	0.0	0.0	9.2
Proc Blk 4/30/92	P	1.68	0.37	0.59	0.00
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	0.00	0.00	0.00	0.77
Average		**1.55**	**0.09**	**0.15**	**4.55**
St. Dev.		**1.09**	**0.19**	**0.29**	**4.84**
RSD %		**70%**	**200%**	**200%**	**106%**
n		**4**	**4**	**4**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. = Not Available

PES BLANKS	Speciation	FLU, ng	PHE, ng	ANT, ng	IMP, ng
I SW Blk 0.1202 g	P	0.00	2.43	1.38	1.03
M Sw Blk 0.1218 g	P	0.95	0.75	4.42	0.00
FSW Blk 4/27/92	P	0.00	1.38	0.53	0.53
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	0.0	4.3	0.0	0.0
PES Blk 4/27/92	P	0.2	4.6	0.5	0.3
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**0.13**	**1.50**	**0.76**	**0.21**
St. Dev.		**0.32**	**1.87**	**1.45**	**0.36**
RSD %		**247%**	**125%**	**191%**	**175%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	0.0	6.6		0.0
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	0.0	0.0	0.0	0.0
Proc Blk 4/30/92	P	0.00	1.29	0.52	0.59
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	0.00	0.46	0.00	0.00
Average		**0.00**	**2.09**	**0.17**	**0.15**
St. Dev.		**0.00**	**3.05**	**0.30**	**0.29**
RSD %		**#DIV/0!**	**146%**	**173%**	**200%**
n		**4**	**4**	**3**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. = Not Available

PES BLANKS	Speciation	FLA, ng	PYR, ng	BAA, ng	CHR, ng
I SW Blk 0.1202 g	P	2.11	1.02	0.00	0.00
M Sw Blk 0.1218 g	P	0.60	0.00	0.00	0.00
FSW Blk 4/27/92	P	0.00	0.68	0.00	0.00
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	0.0	0.0	0.0	0.0
PES Blk 4/27/92	P	1.1	1.5	0.2	0.4
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**0.42**	**0.36**	**0.02**	**0.04**
St. Dev.		**0.74**	**0.57**	**0.07**	**0.13**
RSD %		**175%**	**161%**	**300%**	**300%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	0.0	0.0	0.0	0.0
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	12.2	20.4	0.0	0.0
Proc Blk 4/30/92	P	0.73	0.00	0.00	0.00
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	0.00	0.00	0.00	0.00
Average		**3.23**	**5.10**	**0.00**	**0.00**
St. Dev.		**5.99**	**10.20**	**0.00**	**0.00**
RSD %		**185%**	**200%**	**#DIV/0!**	**#DIV/0!**
n		**4**	**4**	**4**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. = Not Available

PES BLANKS	Speciation	BBF, ng	BKF, ng	BEP, ng	BAP, ng
I SW Blk 0.1202 g	P	17.46	12.62	38.51	12.65
M Sw Blk 0.1218 g	P	17.86	34.52	19.37	13.47
FSW Blk 4/27/92	P	7.79	2.86	2.05	3.46
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	0.0	0.0	0.0	0.0
PES Blk 4/27/92	P	0.4	0.8	0.5	0.6
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**4.83**	**5.64**	**6.71**	**3.35**
St. Dev.		**7.70**	**11.58**	**13.49**	**5.62**
RSD %		**159%**	**205%**	**201%**	**168%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	0.0	0.0	1.2	1.2
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	28.2	33.1	0.0	0.0
Proc Blk 4/30/92	P	0.00	0.00	0.00	3.13
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	1.58	0.00	0.00	0.00
Average		**7.44**	**8.28**	**0.30**	**1.08**
St. Dev.		**13.86**	**16.56**	**0.60**	**1.48**
RSD %		**186%**	**200%**	**200%**	**137%**
n		**4**	**4**	**4**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. = Not Available

PES BLANKS	Speciation	PER, ng	INP, ng	DBA, ng	BPE, ng
I SW Blk 0.1202 g	P	8.88	0.00	0.00	0.00
M Sw Blk 0.1218 g	P	6.27	0.00	0.00	8.74
FSW Blk 4/27/92	P	2.11	0.00	0.00	3.64
Dry F Blk 4/30	P	N.A.	N.A.	N.A.	N.A.
PES Blk 4/27	P	N.A.	N.A.	N.A.	N.A.
FSW 4/23	P	N.A.	N.A.	N.A.	N.A.
FSW 4/24	P	N.A.	N.A.	N.A.	N.A.
FSW 4/22	P	N.A.	N.A.	N.A.	N.A.
Dry F Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/3	P	N.A.	N.A.	N.A.	N.A.
SW Blk 4/1	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/20	P	N.A.	N.A.	N.A.	N.A.
EPA unfiltered SW 2/26/92	D+P	0.0	0.0	0.0	0.0
EPA filtered SW 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB3 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk FB4 2/26/92	P	0.0	0.0	0.0	0.0
PES Blk 4/20/92	P	N.A.	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	0.0	0.0	4.8	0.0
PES Blk 4/27/92	P	0.4	0.3	0.9	0.7
Filter SW B1 11/91	P	N.A.	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.	N.A.
Average		**1.96**	**0.03**	**0.64**	**1.45**
St. Dev.		**3.32**	**0.10**	**1.60**	**2.98**
RSD %		**169%**	**300%**	**251%**	**205%**
n		**9**	**9**	**9**	**9**
Proc. Particulate 5/92	P	2.6	0.0	12.6	0.0
Proc. Particulate	P	N.A.	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	0.0	0.0	140.6	0.0
Proc Blk 4/30/92	P	1.89	0.00	0.00	0.00
Proc Blk 1992	P	N.A.	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	0.00	0.00	2.29	0.00
Average		**1.12**	**0.00**	**38.87**	**0.00**
St. Dev.		**1.33**	**0.00**	**68.04**	**0.00**
RSD %		**118%**	**#DIV/0!**	**175%**	**#DIV/0!**
n		**4**	**4**	**4**	**4**
PES Dissolved SW 2/26/92	D	0.0	0.0	0.0	0.0
PES SW BLK -D	D	LOST	LOST	LOST	LOST
PES FSW BLK SQ BOT	D	LOST	LOST	LOST	LOST
PES BLK FSW A+B	D	LOST	LOST	LOST	LOST
Average		**0.00**	**0.00**	**0.00**	**0.00**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**1**	**1**	**1**

N.A. – Not Available

PES BLANKS	Speciation	Σ PAHs, ng	CHN Vol filt, ml	C, mg
I SW Blk 0.1202 g	P	111.98	N.A.	N.A.
M Sw Blk 0.1218 g	P	153.41	N.A.	N.A.
FSW Blk 4/27/92	P	35.69	N.A.	N.A.
Dry F Blk 4/30	P	N.A.	N.D.	0.017
PES Blk 4/27	P	N.A.	N.D.	0.027
FSW 4/23	P	N.A.	N.D.	0.013
FSW 4/24	P	N.A.	N.D.	0.017
FSW 4/22	P	N.A.	N.D.	0.015
Dry F Blk 4/20	P	N.A.	N.D.	0.011
SW Blk 4/3	P	N.A.	30	0.039
SW Blk 4/3	P	N.A.	30	0.020
SW Blk 4/1	P	N.A.	60	0.012
FSW Blk 4/20	P	N.A.	30	0.015
EPA unfiltered SW 2/26/92	D+P	0.0	N.A.	N.A.
EPA filtered SW 2/26/92	P	0.0	N.A.	N.A.
PES Blk FB3 2/26/92	P	0.0	N.A.	N.A.
PES Blk FB4 2/26/92	P	0.0	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.	N.A.
FSW Blk 4/23/92	P	23.7	N.A.	N.A.
PES Blk 4/27/92	P	161.2	N.A.	N.A.
Filter SW B1 11/91	P	N.A.	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.	N.A.
Average		**54.00**	**37.50**	**0.02**
St. Dev.		**68.60**	**15.00**	**0.01**
RSD %		**127%**	**40%**	**46%**
n		**9**	**4**	**10**
Proc. Particulate 5/92	P	47.2	N.A.	N.A.
Proc. Particulate	P	N.A.	N.A.	N.A.
Proc. Particuate 8/92	P	286.2	N.A.	N.A.
Proc Blk 4/30/92	P	13.98	N.A.	N.A.
Proc Blk 1992	P	N.A.	N.A.	N.A.
Proc Blk 4/27/92	P	16.05	N.D.	0.012
Average		**90.84**	**#DIV/0!**	**0.01**
St. Dev.		**131.09**	**#DIV/0!**	**#DIV/0!**
RSD %		**144%**	**#DIV/0!**	**#DIV/0!**
n		**4**	**0**	**1**
PES Dissolved SW 2/26/92	D	0.0	N.A.	N.A.
PES SW BLK -D	D	LOST	N.A.	N.A.
PES FSW BLK SQ BOT	D	LOST	N.A.	N.A.
PES BLK FSW A+B	D	LOST	N.A.	N.A.
Average		**0.00**	**#DIV/0!**	**#DIV/0!**
St. Dev.		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**	**#DIV/0!**
n		**1**	**0**	**0**

N.A. = Not Available

PES BLANKS	Speciation	H, mg	N, mg
I SW Blk 0.1202 g	P	N.A.	N.A.
M Sw Blk 0.1218 g	P	N.A.	N.A.
FSW Blk 4/27/92	P	N.A.	N.A.
Dry F Blk 4/30	P	0.007	0.005
PES Blk 4/27	P	0.053	0.005
FSW 4/23	P	0.018	0.005
FSW 4/24	P	0.017	0.005
FSW 4/22	P	0.014	0.005
Dry F Blk 4/20	P	0.007	0.005
SW Blk 4/3	P	0.016	0.005
SW Blk 4/3	P	0.021	0.005
SW Blk 4/1	P	0.022	0.005
FSW Blk 4/20	P	0.022	0.005
EPA unfiltered SW 2/26/92	D+P	N.A.	N.A.
EPA filtered SW 2/26/92	P	N.A.	N.A.
PES Blk FB3 2/26/92	P	N.A.	N.A.
PES Blk FB4 2/26/92	P	N.A.	N.A.
PES Blk 4/20/92	P	N.A.	N.A.
FSW Blk 4/23/92	P	N.A.	N.A.
PES Blk 4/27/92	P	N.A.	N.A.
Filter SW B1 11/91	P	N.A.	N.A.
Filter SW B2 11/91	P	N.A.	N.A.
Average		**0.02**	**0.01**
St. Dev.		**0.01**	**0.00**
RSD %		**66%**	**0%**
n		**10**	**10**
Proc. Particulate 5/92	P	N.A.	N.A.
Proc. Particulate	P	N.A.	N.A.
Proc. Particuate 8/92	P	N.A.	N.A.
Proc Blk 4/30/92	P	N.A.	N.A.
Proc Blk 1992	P	N.A.	N.A.
Proc Blk 4/27/92	P	0.020	0.005
Average		**0.02**	**0.01**
St. Dev.		**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**
n		**1**	**1**
PES Dissolved SW 2/26/92	D	N.A.	N.A.
PES SW BLK -D	D	N.A.	N.A.
PES FSW BLK SQ BOT	D	N.A.	N.A.
PES BLK FSW A+B	D	N.A.	N.A.
Average		**#DIV/0!**	**#DIV/0!**
St. Dev.		**#DIV/0!**	**#DIV/0!**
RSD %		**#DIV/0!**	**#DIV/0!**
n		**0**	**0**

N.A. = Not Available

APPENDIX 9. CLAM LIPID CLASS (FID-TLC IATROSCAN®)

AND

CONTAMINANT DATA

	RP CLAM1	RP CLAM2	PR-GP CLAM
Rocky Point: 41°41.59'N, 71°20.94W -- 7 m (too deep received, clams from a nearby shellfisherman)			
Providence River (Gaspy Pt): 41°44.58'N, 71°22.44'W -- 4 m water (collected by bullrake)			
Lipid Wt, g	0.0745	0.075	0.1025
Wet Wt, g	57.97	71.37	40.64
Dry Wt, g	6.6090	6.9940	9.6720
SE/WE, mg	3.13	0.75	0.10
TG, mg	0.00	0.00	0.10
FFA, mg	16.76	12.98	33.01
ST/DG, mg	6.41	6.45	23.88
MG, mg	4.92	3.00	15.07
PE, mg	17.88	7.95	6.36
PC, mg	8.94	13.43	10.15
LPC/SM, mg	16.46	30.45	14.04

	RP CLAM1	RP CLAM2	PR-GP CLAM
CB008, ng/g DW	0.40	0.42	0.48
CB018, ng/g DW	0.56	0.41	0.61
CB029, ng/g DW	0.07	0.00	0.10
CB050, ng/g DW	0.00	0.00	0.06
CB028, ng/g DW	3.36	2.66	3.75
CB052, ng/g DW	6.57	4.31	6.47
CB104, ng/g DW	0.00	0.00	0.00
CB044, ng/g DW	2.12	1.50	2.24
CB066, ng/g DW	10.03	6.89	9.80
CB101, ng/g DW	14.16	8.46	11.99
CB087, ng/g DW	2.68	1.65	2.69
CB077, ng/g DW	9.75	6.45	8.42
CB154, ng/g DW	2.90	1.92	0.86
CB118, ng/g DW	9.40	5.86	8.27
CB188, ng/g DW	0.93	0.59	0.74
CB153, ng/g DW	16.01	8.72	13.40
CB105, ng/g DW	2.22	1.62	2.39
CB138, ng/g DW	5.56	3.61	5.53
CB126, ng/g DW	0.00	0.00	0.00
CB187, ng/g DW	7.02	4.42	5.38
CB128, ng/g DW	1.28	1.14	1.30
CB200, ng/g DW	0.42	0.47	0.78
CB180, ng/g DW	5.03	3.10	5.72
CB170, ng/g DW	0.42	contaminated	0.97
CB195, ng/g DW	2.34	1.88	2.28
CB206, ng/g DW	2.95	2.74	2.36
CB209, ng/g DW	3.62	3.11	3.61
CB sum, ng/g DW	109.82	71.94	100.20
HCB, ng/g DW	0.14	0.18	0.23
HEPT, ng/g DW	0.27	0.24	0.42
ALDRIN, ng/g DW	0.00	2.31	0.00
OP'DDE, ng/g DW	6.16	2.47	0.00
DIELDRIN, ng/g DW	2.19	1.37	2.17
PP'DDE, ng/g DW	8.09	4.69	6.54
OP'DDD, ng/g DW	0.00	0.00	0.00
PP'DDD, ng/g DW	0.00	0.00	0.00
OP'DDT, ng/g DW	0.00	0.00	0.00
MIREX, ng/g DW	2.69	6.37	3.30

	RP CLAM1	RP CLAM2	PR-GP CLAM
NAP, ng/g DW	0.85	0.00	3.39
2MN, ng/g DW	1.61	0.00	0.00
1MN, ng/g DW	0.83	0.00	0.00
BIP, ng/g DW	0.90	1.26	2.01
DMN, ng/g DW	1.92	1.25	0.71
ACL, ng/g DW	2.46	2.69	3.18
ACT, ng/g DW	0.00	0.00	0.25
TMN, ng/g DW	0.93	1.22	0.98
FLU, ng/g DW	1.92	1.24	1.22
PHE, ng/g DW	4.64	3.20	3.32
ANT, ng/g DW	8.83	5.95	5.05
1MP, ng/g DW	8.76	8.20	0.98
FLA, ng/g DW	61.66	58.29	43.55
PYR, ng/g DW	76.68	63.77	60.48
BAA, ng/g DW	8.49	6.55	9.77
CHR, ng/g DW	25.06	28.07	20.51
BBF, ng/g DW	11.51	12.25	13.56
BKF, ng/g DW	6.83	8.20	21.13
BEP, ng/g DW	25.93	23.77	28.82
BAP, ng/g DW	6.46	10.24	17.43
PER, ng/g DW	66.10	28.84	32.13
INP, ng/g DW	8.87	18.33	14.32
DBA, ng/g DW	3.65	4.49	1.57
BPE, ng/g DW	37.55	29.20	19.73
Σ PAHs, ng/g DW	372.40	326.98	304.08

	RP CLAM1	RP CLAM2	PR-GP CLAM
CB008, ng	2.63	2.92	4.67
CB018, ng	3.73	2.89	5.90
CB029, ng	0.47	0.00	0.97
CB050, ng	0.00	0.00	0.56
CB028, ng	22.21	18.60	36.28
CB052, ng	43.45	30.18	62.57
CB104, ng	0.00	0.00	0.00
CB044, ng	14.04	10.47	21.67
CB066, ng	66.31	48.17	94.81
CB101, ng	93.61	59.14	115.98
CB087, ng	17.68	11.56	26.06
CB077, ng	64.46	45.14	81.44
CB154, ng	19.14	13.39	8.29
CB118, ng	62.16	41.00	79.96
CB188, ng	6.15	4.13	7.14
CB153, ng	105.82	61.00	129.62
CB105, ng	14.68	11.30	23.15
CB138, ng	36.77	25.28	53.46
CB126, ng	0.00	0.00	0.00
CB187, ng	46.39	30.94	52.05
CB128, ng	8.47	7.95	12.57
CB200, ng	2.80	3.32	7.55
CB180, ng	33.25	21.70	55.32
CB170, ng	2.76	contaminated	9.34
CB195, ng	15.43	13.12	22.06
CB206, ng	19.52	19.16	22.83
CB209, ng	23.91	21.77	34.88
CB sum, ng	725.82	503.14	969.11
HCB, ng	0.93	1.24	2.19
HEPT, ng	1.77	1.68	4.03
ALDRIN, ng	0.00	16.18	0.00
OP'DDE, ng	40.73	17.25	0.00
DIELDRIN, ng	14.45	9.56	20.98
PP'DDE, ng	53.49	32.79	63.21
OP'DDD, ng	0.00	0.00	0.00
PP'DDD, ng	0.00	0.00	0.00
OP'DDT, ng	0.00	0.00	0.00
MIREX, ng	17.75	44.58	31.87

	RP CLAM1	RP CLAM2	PR-GP CLAM
NAP, ng	5.62	0.00	32.76
2MN, ng	10.66	0.00	0.00
1MN, ng	5.48	0.00	0.00
BIP, ng	5.95	8.81	19.41
DMN, ng	12.70	8.73	6.87
ACL, ng	16.26	18.81	30.79
ACT, ng	0.00	0.00	2.38
TMN, ng	6.16	8.52	9.48
FLU, ng	12.68	8.65	11.80
PHE, ng	30.69	22.40	32.09
ANT, ng	58.33	41.59	48.87
1MP, ng	57.90	57.33	9.46
FLA, ng	407.50	407.66	421.19
PYR, ng	506.78	446.04	584.95
BAA, ng	56.13	45.80	94.46
CHR, ng	165.61	196.35	198.39
BBF, ng	76.09	85.65	131.18
BKF, ng	45.13	57.35	204.35
BEP, ng	171.04	166.23	278.71
BAP, ng	42.67	71.63	168.62
PER, ng	436.83	271.63	310.78
INP, ng	58.63	128.22	138.48
DBA, ng	24.15	31.37	15.23
BPE, ng	248.17	204.19	190.83
Σ PAHs, ng	2461.17	2286.93	2941.08

	RP CLAM1	RP CLAM2	PR-GP CLAM
CB008, ng/g WW	0.0454	0.0409	0.1149
CB018, ng/g WW	0.0643	0.0405	0.1452
CB029, ng/g WW	0.0082	0.0000	0.0238
CB050, ng/g WW	0.0000	0.0000	0.0139
CB028, ng/g WW	0.3831	0.2607	0.8927
CB052, ng/g WW	0.7495	0.4228	1.5396
CB104, ng/g WW	0.0000	0.0000	0.0000
CB044, ng/g WW	0.2421	0.1468	0.5332
CB066, ng/g WW	1.1438	0.6749	2.3329
CB101, ng/g WW	1.6148	0.8287	2.8538
CB087, ng/g WW	0.3050	0.1620	0.6412
CB077, ng/g WW	1.1119	0.6324	2.0040
CB154, ng/g WW	0.3301	0.1877	0.2041
CB118, ng/g WW	1.0722	0.5745	1.9674
CB188, ng/g WW	0.1061	0.0578	0.1756
CB153, ng/g WW	1.8254	0.8547	3.1894
CB105, ng/g WW	0.2532	0.1583	0.5696
CB138, ng/g WW	0.6343	0.3542	1.3154
CB126, ng/g WW	0.0000	0.0000	0.0000
CB187, ng/g WW	0.8003	0.4335	1.2808
CB128, ng/g WW	0.1462	0.1113	0.3094
CB200, ng/g WW	0.0483	0.0465	0.1857
CB180, ng/g WW	0.5735	0.3041	1.3611
CB170, ng/g WW	0.0476	contanminated	0.2299
CB195, ng/g WW	0.2662	0.1838	0.5428
CB206, ng/g WW	0.3367	0.2684	0.5617
CB209, ng/g WW	0.4124	0.3051	0.8582
CB sum, ng/g WW	12.5207	7.0497	23.8463
HCB, ng/g WW	0.0161	0.0174	0.0538
HEPT, ng/g WW	0.0306	0.0236	0.0992
ALDRIN, ng/g WW	0.0000	0.2267	0.0000
OP'DDE, ng/g WW	0.7025	0.2416	0.0000
DIELDRIN, ng/g WW	0.2493	0.1329	0.5163
PP'DDE, ng/g WW	0.9227	0.4595	1.5554
OP'DDD, ng/g WW	0.0000	0.0000	0.0000
PP'DDD, ng/g WW	0.0000	0.0000	0.0000
OP'DDT, ng/g WW	0.0000	0.0000	0.0000
MIREX, ng/g WW	0.3062	0.6247	0.7842

	RP CLAM1	RP CLAM2	PR-GP CLAM
NAP, ng/g WW	0.0970	0.0000	0.8060
2MN, ng/g WW	0.1839	0.0000	0.0000
1MN, ng/g WW	0.0945	0.0000	0.0000
BIP, ng/g WW	0.1026	0.1235	0.4777
DMN, ng/g WW	0.2191	0.1223	0.1690
ACL, ng/g WW	0.2806	0.2635	0.7575
ACT, ng/g WW	0.0000	0.0000	0.0586
TMN, ng/g WW	0.1063	0.1194	0.2334
FLU, ng/g WW	0.2187	0.1212	0.2903
PHE, ng/g WW	0.5294	0.3138	0.7897
ANT, ng/g WW	1.0062	0.5827	1.2024
1MP, ng/g WW	0.9988	0.8032	0.2327
FLA, ng/g WW	7.0296	5.7119	10.3639
PYR, ng/g WW	8.7420	6.2497	14.3935
BAA, ng/g WW	0.9683	0.6418	2.3243
CHR, ng/g WW	2.8568	2.7511	4.8817
BBF, ng/g WW	1.3126	1.2000	3.2280
BKF, ng/g WW	0.7786	0.8035	5.0283
BEP, ng/g WW	2.9505	2.3291	6.8580
BAP, ng/g WW	0.7361	1.0036	4.1491
PER, ng/g WW	7.5355	3.8060	7.6471
INP, ng/g WW	1.0113	1.7965	3.4076
DBA, ng/g WW	0.4165	0.4396	0.3748
BPE, ng/g WW	4.2811	2.8610	4.6956
Σ PAHs, ng/g WW	42.4560	32.0433	72.3691

	RP CLAM1	RP CLAM2	PR-GP CLAM
CB008, ng/g LW	35.3317	38.9339	45.5599
CB018, ng/g LW	50.0183	38.5642	57.5887
CB029, ng/g LW	6.3500	0.0000	9.4175
CB050, ng/g LW	0.0000	0.0000	5.4921
CB028, ng/g LW	298.0663	248.0417	353.9536
CB052, ng/g LW	583.2354	402.3621	610.4409
CB104, ng/g LW	0.0000	0.0000	0.0000
CB044, ng/g LW	188.3912	139.6531	211.4060
CB066, ng/g LW	890.0253	642.2743	924.9674
CB101, ng/g LW	1256.5190	788.5804	1131.5091
CB087, ng/g LW	237.3378	154.1774	254.2395
CB077, ng/g LW	865.2303	601.8285	794.5419
CB154, ng/g LW	256.8621	178.5856	80.9136
CB118, ng/g LW	834.3190	546.6807	780.0625
CB188, ng/g LW	82.5603	55.0109	69.6307
CB153, ng/g LW	1420.4161	813.3478	1264.5622
CB105, ng/g LW	196.9820	150.6786	225.8210
CB138, ng/g LW	493.5830	337.0971	521.5404
CB126, ng/g LW	0.0000	0.0000	0.0000
CB187, ng/g LW	622.7160	412.4776	507.8144
CB128, ng/g LW	113.7394	105.9571	122.6558
CB200, ng/g LW	37.6050	44.2887	73.6452
CB180, ng/g LW	446.2793	289.3838	539.6617
CB170, ng/g LW	37.0089	contaminated	91.1591
CB195, ng/g LW	207.1437	174.8882	215.1957
CB206, ng/g LW	261.9650	255.4016	222.7059
CB209, ng/g LW	320.9088	290.2974	340.2785
CB sum, ng/g LW	9742.5940	6708.5106	9454.7635
HCB, ng/g LW	12.5354	16.5843	21.3245
HEPT, ng/g LW	23.7760	22.4131	39.3360
ALDRIN, ng/g LW	0.0000	215.6837	0.0000
OP'DDE, ng/g LW	546.6502	229.9362	0.0000
DIELDRIN, ng/g LW	194.0243	127.4015	204.6988
PP'DDE, ng/g LW	717.9585	437.2415	616.6971
OP'DDD, ng/g LW	0.0000	0.0000	0.0000
PP'DDD, ng/g LW	0.0000	0.0000	0.0000
OP'DDT, ng/g LW	0.0000	0.0000	0.0000
PP'DDT, ng/g LW	#REF!	#REF!	#REF!
MIREX, ng/g LW	238.2410	594.4552	310.9299

	RP CLAM1	RP CLAM2	PR-GP CLAM
NAP, ng/g LW	75.4681	0.0000	319.5680
2MN, ng/g LW	143.1267	0.0000	0.0000
1MN, ng/g LW	73.5616	0.0000	0.0000
BIP, ng/g LW	79.8331	117.5040	189.4060
DMN, ng/g LW	170.4846	116.3635	67.0137
ACL, ng/g LW	218.3137	250.7768	300.3534
ACT, ng/g LW	0.0000	0.0000	23.2299
TMN, ng/g LW	82.7356	113.5929	92.5282
FLU, ng/g LW	170.1626	115.3250	115.1040
PHE, ng/g LW	411.9204	298.6018	313.0879
ANT, ng/g LW	782.9295	554.5308	476.7426
1MP, ng/g LW	777.1675	764.3697	92.2823
FLA, ng/g LW	5469.8531	5435.4115	4109.1417
PYR, ng/g LW	6802.3569	5947.1687	5706.8574
BAA, ng/g LW	753.4269	610.7195	921.5395
CHR, ng/g LW	2222.9427	2617.9412	1935.5413
BBF, ng/g LW	1021.3486	1141.9478	1279.8520
BKF, ng/g LW	605.8109	764.6016	1993.6647
BEP, ng/g LW	2295.8694	2216.3812	2719.1300
BAP, ng/g LW	572.8033	955.0239	1645.0531
PER, ng/g LW	5863.4942	3621.7824	3031.9879
INP, ng/g LW	786.9355	1709.5574	1351.0590
DBA, ng/g LW	324.1246	418.2834	148.5842
BPE, ng/g LW	3331.2031	2722.5553	1861.7541
Σ PAHs, ng/g LW	33035.8727	30492.4384	28693.4809